UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL ADJUSTMENT AGENCY

# OIL and MEAL YIELDS PER ACRE from COTTONSEED, PEANUTS & SOYBEANS

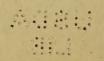
A study of farms, counties and areas producing cotton and peanuts or cotton and soybeans, Southern Region, AAA, 1942

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OIL AND MEAL YIELDS PER ACRE FROM COTTONSEED, PEANUTS, AND SOYBEANS 1

#### INTRODUCTION

Military events that followed the attack on Pearl Harbor made it necessary for United States farmers to expand tremendously their acreages of pearuts and soybeans. Farmers set all-time records with these crops in 1942, expanded them further in 1943, and are expected to plant still greater acreages in 1944. Farmers were encouraged to expand their production of pearuts and soybeans primarily to obtain much needed oil that we were no longer able to import. Goals - State, county, and individual farm - were established throughout the Southern States in 1942, not only in areas where pearuts and soybeans are commonly grown, but in areas and on farms where these two crops had not been grown extensively in recent years. Proof that farmers as a whole did an excellent job in 1942 is revealed in the production records.

Farmers have done exceedingly well; they have planted what their Government asked them to plant. They have planted peanuts for oil; they have planted soybeans for oil; and they have planted cotton, which also produces oil. Each of the three crops produces high protein meals also. In addition there is the cotton lint, hulls, and linters from the cotton crop and hay from the peanut crop.

Every Southern farmer cannot grow peamuts or soybeans. Not all of them can grow cotton. Many can grow cotton and one of the other two, but few can produce successfully all three of these oil-bearing crops.

This study was made to show for specific areas the comparative advantage of producing cottonseed or peanuts and cottonseed or soybeans for oil and meal. Cotton lint, the most important product of the cotton plant, has been omitted from the present analysis, as well as cottonseed hulls and linters; also peanut hay from the peanut crop.

# Scope of Study and Source of Data

The study includes 149 sample counties from 9 cotton-producing States, i.e., Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, South Carolina, and Texas (see map facing page 2). These 9 States also grow peanuts and soybeans, but only three, Arkansas, Louisiana, and Mississippi, produce a significant acreage of soybeans.

From each major production adjustment area producing cotton, and either peanuts or soybeans, one or more representative counties was selected for study. Data were then taken from AAA records for all farms, but not

If This study was made by John E. Mason under the direction of F. H. Whitaker, Chief, Economic and Statistical Section, Southern Division, AAA. Ocie Coston assisted in planning the study. The statistical sections of the nine State AAA offices in the Southern Region and the employees of the 149 county AAA offices in which farm yield data were tabulated are due special acknowledgement for their assistance.

exceeding a total of 300 farms per county in most States, growing cotton and either peanuts or soybeans. Per farm yield data were tabulated for cotton, peanuts, and soybeans. The information is confined to the 1942 crop year because this is the only year for which representative data are available throughout the Southern States for all three crops (1943 data will be available shortly).

Oil and meal yields per 100 pounds of cottonseed are based on the total quantity of seed crushed and the amount of oil and meal produced, August 1942 through July 1943, as reported by the Bureau of the Census. Oil and meal yields per 100 pounds of seed from peanuts are based on Table 5 of the March 1943 issue of the Fats and Oils Situation, Bureau of Agricultural Economics, U. S. Department of Agriculture. Oil and meal yields per bushel of seed from soybeans are based on information furnished the Southern Division, AAA by mills that crushed the 1942 crop of soybeans produced in the Southern States (tables 1 and 2).

## Method of Analysis

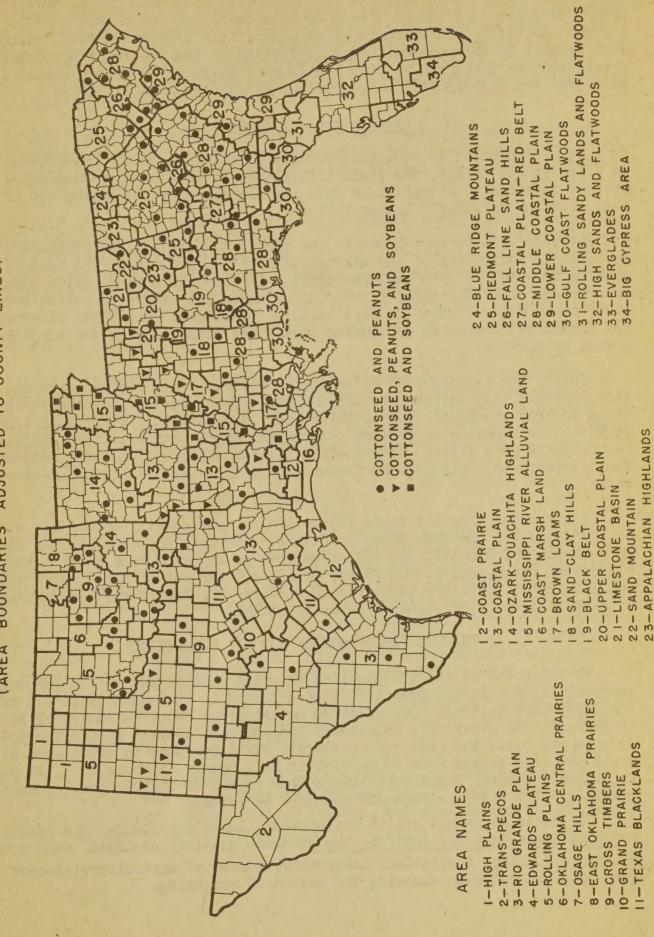
From appropriate AAA records showing acreage and production on individual farms for cotton, peanuts, and soybeans, the county AAA offices listed average 1942 yields for each of the three crops for a sample number of farms growing cotton and one or both of the other two oil-bearing crops. The county AAA offices in a majority of the States were instructed to list the data for 300 farms or for all farms growing cotton and one of the other oil-bearing crops, whichever number was the smaller. The county AAA offices were further instructed to place a check mark (/) by any yield figure considered to be unreliable.

Next, the county tabulations were reviewed and edited in the State AAA offices by the AAA statistician and, in 6 of the 9 States, by a member of the Washington staff. All zero yields and obviously incorrect yields were deleted from the study through the editing process. Only those farms with a yield figure for cotton and one or both of the other crops were retained in the study.

After the editing had been completed, a per acre oil and meal outturn was computed for each crop on each farm by applying the appropriate factors given in table 2. From here on the statistical analysis is apparent from the tables presented herein, with the exception of the area and State totals. In the case of peanut and cottonseed comparisons, in order to give proper weight to the counties having more than 300 farms, but which were limited to 300 farms in taking the sample, area yields for cotton lint and peanuts were computed by weighting the county yields by the harvested peanut acreage in the counties included in the sample. The State figure was arrived at by weighting the area averages thus obtained by the respective harvested peanut acreages for the entire area, including counties in and out of the sample. Practically all farms growing peanuts in the areas included in the study also produce cotton but all farms growing cotton do not produce peanuts, therefore,

# AREAS AND COUNTIES INCLUDED IN STUDY OF OIL AND MEAL SOYBEANS YIELDS FROM COTTONSEED, PEANUTS, AND

(AREA BOUNDARIES ADJUSTED TO COUNTY LINES)



in order to obtain area averages for farms producing both crops, harvested peanut acreages were used for weights when comparing cotton and peanuts. For soybean and cottonseed comparisons it made little difference which weight was used because of the more uniform distribution of the two crops throughout the areas studied; therefore, cotton yields were weighted by cotton acreages harvested and soybean yields by soybeans for beans acreages. 2/

# Limitations of Study

It is important to recognize certain limitations in the data contained in this report. First, the yield information is for one crop-year only. It was not possible to obtain yield data for all three crops, or any two of them, farm by farm for a longer period.

Second, peanuts were grown in new areas in 1942, and the yields are not necessarily indicative of the adaptability of the soil or of the farmers' ability to grow the crop satisfactorily. In some cases high yields were obtained on small acreages; in many other cases low yields prevailed because the farmers did not know the best cultural practices. For these reasons, one should be careful in concluding that a new area is or is not adapted to peanut production.

Third, the factors used to convert individual farm yields of cotton lint, peanuts, and soybeans to oil and meal yields per acre are based on State or area averages. The counties, and most certainly individual farms, could not be expected to produce oil-bearing crops with a uniform oil content in all parts of a State. Nevertheless, in computing oil and meal outturn it was necessary to apply uniform factors to the per acre yields by areas or States.

Fourth, the area and State totals are not necessarily comparable with other totals for the same areas or States. The data presented herein apply to farms on which cotton and either peanuts or soybeans were grown - not to all cotton farms, all peanut farms, or all soybean farms in a State. The State figures, therefore, must be expected to vary from published figures on cotton, peanut, or soybean yields by States.

# I. PEANUTS VERSUS COTTON FOR OIL PRODUCTION

In all but 3 of the 136 counties in which peanuts and cottonseed are compared in this study, peanuts exceeded cotton in the quantity of oil produced per acre in 1942. One of these counties was Hale, in the Black Belt of Alabama; the other two, Holmes and Simpson, are located in Mississippi. On a county basis the ratio of peanut oil yield per acre to cottonseed oil yield per acre ranged from 88 percent in Hale County, Alabama to 1,129 percent in Atascosa County, Texas. For the entire sample of 23,707 farms, peanuts produced 3-1/2 times as much oil per acre as cotton.

The ratio of peanut oil to cottonseed oil yield per acre is a relative comparison and does not indicate the absolute quantity produced. The pounds 2/ Arnold J. King, Statistical Laboratory, Bureau of Agricultural Economics, gave helpful advice in choosing the method of weighting.

produced per acre on farms growing both cotton and peanuts are shown in this report by counties, areas, and States. On a State basis, Mississippi ranks first in oil outturn per acre from cottonseed but eighth from peanuts (table 7). Georgia heads the list of States in oil outturn per acre from peanuts, but Texas is at the top in the ratio of peanut oil yield to cotton-seed oil yield per acre.

In all States and in nearly all counties a certain percentage of the farms produced more oil per acre from cottonseed than from peanuts, ranging from 4 percent in Florida to 45 percent in Mississippi and averaging 17 for the Southern Region.

Table 7 also ranks the 9 States of the Southern Region according to the man-labor requirements per acre from cotton and peanuts. With the exception of Arkansas, Louisiana, and Mississippi, State labor requirement data were used. In order to eliminate the effect of the high man-labor requirements in the Mississippi River Delta areas of these 3 States, where peanuts are not produced commercially, man-labor requirements for cotton and peanuts were taken from special State studies where the two crops are grown in competition (see footnotes to table 7).

Of the 9 States, South Carolina has the highest per acre man-labor requirements for cotton, and the lowest ratio of peanut labor to cotton labor. Peanuts require only 52 percent as much labor per acre in South Carolina as cotton, but in Oklahoma peanuts require 86 percent as much labor as cotton. The other States fall between these two percentages.

### AREA COMPARISONS

The 9 States of the Southern Region of the AAA comprise two post-war planning regions of the U. S. Department of Agriculture. The regional post-war planning committee in each of these regions has prepared a map to show areas reasonably homogenous as to physical resources and character of problems arising from the use of those resources. The 9 States contain a total of 34 such areas. From 23 of these areas one or more representative counties was selected for this study. The other areas were omitted because either cotton or peanuts was not produced at all or in such small quantities that it was not feasible to include them. Some of the 23 areas fall wholly within a single State, insofar as this study is concerned, while others include parts of two or more States. Four areas fall wholly within Texas, two are entirely in Oklahoma, three in Alabama, one in Georgia, and one is confined to Florida. Twelve areas cut across two or more States.

Pearuts and cotton compete throughout the 23 areas, but in point of farms producing the two crops, area 5 (Rolling Plains), area 9 (Cross Timbers), area 13 (Coastal Plain - South Central States), and area 28 (Middle Coastal Plain) are the most important areas.

The Sand Mountain area of Alabama led all areas in the yield of cotton lint per acre and also in the yield of peanuts. This is a relatively small area but the adjacent Limestone Basin area ranked second with cotton and with peanuts. For the Sand Mountain area, the computed oil outturn per acre from cottonseed is 126 pounds, compared with 254 pounds per acre from peanuts on the same farms. Comparable figures are 80 and 213 for the Limestone Basin.

The oil outturn from cottonseed ranges from 14 pounds per acre in the Rio Grande Plain to 126 pounds in the Sand Mountain area. The average for the Southern Region is 50 pounds per acre, based on this study of farms growing both cotton and peanuts. Using the 1942 average cottonseed yield for all farms the oil outturn would amount to about 80 pounds per acre. Large contiguous areas in the Southwest averaged less than 40 pounds of oil per acre from cottonseed. The Rolling Plains of Oklahoma and Texas, the Ozark-Ouachita Highlands of Arkansas and Oklahoma, and the Rolling Sandy Lands of Florida produced 40 to 49 pounds of oil per acre from cottonseed. The High Plains of Texas, the Black Belt, the Fall Line Sand Hills, and the Middle Coastal Plains of the Southeast produced from 50 to 59 pounds of oil per acre. The highest cottonseed oil yields came from nearly all parts of Mississippi and the northern parts of Alabama, Georgia, and South Carolina, with averages of 70 pounds or more per acre.

The computed oil outturn from peanuts ranged from 71 pounds per acre in the Black Belt to 254 pounds in the Sand Mountain area, averaging 175 pounds for the Southern Region. When mapped by broad geographical areas, the lowest oil yields from peanuts, under 100 pounds per acre, occur in the Brown Loams of Mississippi and Louisiana, the Black Belt of Alabama and Mississippi and the Appalachian Highlands of Alabama and Georgia. The Piedmont Plateau, the Sand-Clay Hills and Upper Coastal Plain of Alabama and Mississippi, and the Ozark-Ouachita Highlands produced from 100 to 124 pounds of oil per acre from peanuts. Some scattered areas averaged between 125 and 149 pounds of oil per acre. Large areas of Oklahoma and Texas produced from 150 to 174 pounds per acre. When averaged in with Oklahoma and Texas, parts of Arkansas and Louisiana are also covered by this yield range. The highest yields, above 175 pounds per acre, were in the Middle Coastal Plain of the Southeast, the northern part of Alabama, and the High Plains of Texas.

In none of the 23 areas did cottonseed average as much oil per acre as peanuts. Cottonseed came closest to peanuts in per acre oil outturn in the Brown Loam area, where peanuts exceeded cotton by only 18 percent. Three other areas, the Sand-Clay Hills, the Black Belt, and the Appalachian Highlands produced less than 1-1/2 times as much oil per acre from peanuts as from cottonseed. The Rio Grande Plain produced more than 10 times as much oil per acre from peanuts as from cottonseed. The Edwards Plateau, Rolling Plains, Grand Prairie, Cross Timbers, and Coastal Plain (South Central States) areas each produced more than 4 times as much oil per acre from peanuts as from cottonseed. The High Plains, Oklahoma Central Prairies, East Oklahoma Prairies, and the Middle Coastal Plain areas of the Southeast each produced between

3-1/2 and 4 times as much oil per acre from peanuts as from cottonseed. On farms producing both crops in 1942, this study indicates that the average for the Southern Region is 3-1/2 times as much oil per acre from peanuts as from cottonseed.

Peanuts excelled cottonseed in per acre oil yields in each of the 23 areas. Significantly, cottonseed excelled on a certain percentage of farms in every area; it was as low as 2 percent and as high as 48 percent by areas, for an average of 17 percent for the Southern Region (table 3).

In most areas it is possible to determine the typical oil yield per acre from cottonseed, but not so easy for peanuts. When the farms are set up in frequency distributions by oil yields per acre, there is nearly always a distinct modal group for cottonseed, but peanut oil yields per acre range from very low to very high, with a tendency to an even distribution among all class intervals (tables 4 and 6). With such a wide range and even distribution, an average yield of oil per acre from peanuts must be used with care because it typifies only a small percentage of all farms.

For all farms included in the study, 42 percent produced under 40 pounds of oil per acre from cottonseed, 64 percent under 60 pounds, 79 percent under 80 pounds, and 89 percent under 100 pounds. Fifty percent of the farms produced between 20 and 60 pounds of oil per acre from cottonseed (table 6).

For peanuts, 12 percent of the farms produced under 40 pounds of oil per acre, 20 percent under 60 pounds, 30 percent under 80 pounds, 39 percent under 100 pounds, 36 percent from 100 to 199 pounds, 18 percent from 200 to 299 pounds, 6 percent from 300 to 399 pounds, and 1 percent 400 pounds or more.

#### ALABAMA

The sample for Alabama included 3,875 farms in 16 counties selected to represent 8 major areas of the State. The 1942 peanut yield on these farms, when weighted out by harvested peanut acreage in the respective areas, indicates a yield of 593 pounds (table 8). This is 57 pounds below the State yield for all peanut farms. The cotton yield on the farms growing peanuts was also considerably lower than the State average for all cotton farms.

This study indicates that Alabama farmers growing both crops produced 48 pounds of oil per acre from cottonseed and 362 percent as much, or 174 pounds from peanuts. These are the weighted averages for the State, but it is significant that 22 percent of the farms surveyed produced more oil per acre from cottonseed than from peanuts.

Although Alabama ranks second among the 9 States in per acre oil outturn from peanuts, there is considerable variation from farm to farm, county
to county, and area to area. On a county basis, the computed oil outturn
per acre from peanuts in Hale County and in Lee County is only 57 pounds per
acre, compared with 307 pounds in Cullman County. On an area basis, the
Black Belt makes the poorest showing, with an average of 68 pounds of oil
per acre. The Sand Mountain area produces more than 3-1/2 times as much per
acre as does the Black Belt, or an average of 254 pounds. The old peanut
area, the Middle Coastal Plain, is somewhat above the State average, with
a computed oil outturn per acre of 198 pounds from peanuts.

Oil production from cottonseed ranges from 32 pounds per acre in Lee County to 128 pounds in Cullman County; it varies from 39 pounds in the Sand-Clay Hills to 126 pounds in the Sand Mountain area. The Sand Mountain area has higher yields for both crops than any other major area of the State.

Coffee County, in the Middle Coastal Plain, produces more than 5 times as much oil per acre from peanuts as from cottonseed; the area as a whole produces about 4-3/4 times as much from peanuts as from cottonseed. The next best area for peanuts, compared with cottonseed, is the Limestone Basin where both cotton and peanuts produce well but where peanuts produce 2.7 times as much oil per acre as cottonseed. In the Black Belt, the Piedmont Plateau, the Appalachian Highlands, and the Upper Coastal Plain, peanuts turn out only about 1.4 to 1.6 times as much oil per acre as can be expected from cottonseed, based on this study of 1942 yields. In these areas, 31 to 48 percent of the farms actually produced more oil per acre from cottonseed than from peanuts. However, in the Middle Coastal Plain and in the Limestone Basin only 2 percent of the farms had yields indicating that more oil per acre was produced from cottonseed than from peanuts.

Table 9 gives a frequency distribution of the 3,875 farms by the per acre oil yields from cottonseed and peanuts for each of the major areas. One of the striking features of this distribution is the narrow range of yields from cottonseed compared with the wide range from peanuts. A significant percentage of both crops yield less than 20 pounds of oil per acre. The outturn of oil from cottonseed rarely exceeds 200 pounds per acre, but a large percentage of the farms exceed this amount with peanuts. In some areas, it appears that oil yields per acre from peanuts are more or less evenly distributed from below 20 pounds to 300 pounds or more.

For the State as a whole 31 percent of the farms produced less than 40 pounds of oil per acre from cottonseed, compared with 16 percent for peanuts; 50 percent of the farms produced less than 60 pounds per acre from cottonseed, compared with 26 percent for peanuts; 79 percent produced less than 100 pounds from cottonseed, compared with 43 percent for peanuts. None of the farms exceeded 239 pounds of oil per acre from cottonseed, but 17 percent of them produced 240 pounds or more per acre from peanuts.

A special analysis was made of the per acre oil yields from peanuts and cottonseed in Alabama, to show by areas the percent of farms producing one, two, three, four, five, or six times as much oil per acre from peanuts as from cottonseed. In the first place, 22 percent produced more oil per acre from cottonseed than from peanuts. However, 11 percent produced 6 times as much from peanuts as from cottonseed, 15 percent 5 times or more, 21 percent 4 times or more, 31 percent 3 times or more, 49 percent 2 times or more, and 78 percent equal or better. These percentages varied by areas, as shown in table 10. In the Middle Coastal Plain, 36 percent of the farms produced 6 times or more as much oil per acre from peanuts as from cottonseed, 75 percent of the farms in this area did 3 times as well with peanuts compared with cottonseed. For further details see tables 10 and 11.

#### ARKANSAS

In Arkansas, 1,150 farms from 14 counties were included in the sample. For purposes of analysis the counties have been grouped into 2 major areas. The farms in the Ozark-Ouachita Highland area had a cotton lint yield in 1942 of 184 pounds and a peanut yield of 427 pounds. The Coastal Plains area had a cotton yield of 191 pounds and a peanut yield of 367 pounds. The weighted average cotton lint yield for the combined areas was 188 pounds and peanuts 396 pounds (table 12).

The computed oil outturn per acre common cottonseed ranged from a low of 38 pounds in both Montgomery County and Searcy County to a high of 86 pounds in Sharp County. The State average was 56 pounds per acre for farms growing both cotton and peanuts.

The computed oil outturn per acre from peanuts was only 92 pounds in Little River County, but averaged 152 pounds in Montgomery County, the highest county average. The Ozark-Ouachita Highland area had a per acre oil yield from peanuts of 128 pounds; the Coastal Plains 110 pounds; and the weighted average from the combined areas was 119 pounds.

Every county in both areas produced more oil per acre from peanuts than from cottonseed, ranging from about 1-1/2 times as much in Izard County to 4 times as much in Montgomery County. The weighted average for the areas of the State growing both crops was 2.1 times as much oil per acre from peanuts as from cottonseed.

In Arkansas, as in the other States, a certain percentage of the farms produced more oil per acre from cottonseed than from peanuts. For the competing areas in the State as a whole, 17 percent of the farms excelled with cottonseed, ranging from 1 percent in Faulkner County to 46 percent in Sharp County (table 12).

In the Ozark-Ouachita Highland area a large percentage of the farms produced 40 to 59 pounds of oil per acre from cottonseed (table 13). Similar results were obtained in the Coastal Plains area, and of course, the State figures would show about the same results. Peanut yields are such in both areas that approximately 10 to 12 percent of the farms fell in each of the following oil yield per acre groups: 40-59, 60-79, 80-99, 100-119, 120-139, and 140-159. A few farms yielded below 40 pounds of oil per acre from peanuts and the remainder were distributed all the way from 160 pounds to more than 400 pounds.

For all farms included in the sample, 32 percent produced less than 40 pounds of oil per acre from cottonseed, compared with 11 percent for peanuts; 63 percent and 22 percent, respectively, produced under 60 pounds of oil per acre from cottonseed and peanuts; 95 percent and 45 percent, respectively, produced less than 100 pounds (table 13).

#### FLORIDA

Four counties were included in the study from Florida and these have been grouped into 2 areas. Data were tabulated for 876 farms. The cotton lint yield averaged 151 pounds per acre and peanuts 535 pounds. Santa Rosa County had the highest average yields for both, 185 pounds per acre for cotton and 803 pounds for peanuts. Leon County had the lowest yields, 91 pounds per acre for cotton and 321 pounds for peanuts (table 14).

The computed oil outturn from cottonseed ranged from 25 pounds per acre in Leon County to 51 pounds in Santa Rosa County, averaging 42 pounds for those areas of the State growing the two crops.

The computed oil outturn per acre from peanuts amounted to 93 pounds in Leon County and 241 pounds in Santa Rosa County, averaging 159 pounds for all areas growing the two competing crops.

On a relative basis peanuts did best in Santa Rosa County where 4-3/4 times as much oil per acre was produced from peanuts as from cottonseed. Peanuts made the poorest relative showing in Suwannee County, but even here 3 times as much oil per acre came from peanuts as from cottonseed. The ratio of peanut oil yield per acre to cottonseed oil yield per acre for all areas included in the study was 379 percent.

Four percent of the farms produced more oil per acre from cottonseed than from peanuts, ranging from 1 percent in both Jackson and Santa Rosa Counties to 13 percent in Suwannee County.

For cottonseed a large percentage of the farms are concentrated around the oil yield group of 20 to 39 pounds per acre. Peanuts show only a slight tendency to fall around any particular yield, and range all the way

from below 20 pounds of oil per acre to over 400 pounds. Only 3 percent of the farms produced 100 pounds or more of oil per acre from cottonseed, but 77 percent of the farms exceeded this amount from peanuts; 36 percent produced 200 pounds or more of oil per acre from peanuts (table 15).

#### **GEORGIA**

Georgia counties have been grouped into 7 areas by the Southeast Regional Post-War Flanning Committee, but only 5 of these are important in the production of peanuts. For this study 18 representative counties growing both peanuts and cotton were selected for analysis, from which data were tabulated for 4,054 farms. The weighted average cotton yield on these farms in 1942 was 203 pounds; the peanut yield 637 pounds (table 16). The 1942 State yields for all farms were: cotton, 240 pounds; peanuts, 610 pounds. Of the 5 areas growing both crops, the Piedmont Plateau had the highest cotton yields (245 pounds per acre), but the lowest peanut yields (347 pounds per acre). The area with the highest peanut yields, the Middle Coastal Plain, had relatively low cotton yields. By counties, cotton lint yields ranged from a low of 149 pounds per acre in Talbot County to 352 pounds per acre in Morgan County. Peanut yields averaged as low as 283 pounds per acre in Talbot County to as high as 900 pounds in Bulloch County.

Converted to oil, cottonseed on all farms producing the two crops would turn out about 55 pounds of oil per acre, compared with 191 pounds from peanuts. By areas, cottonseed shows up best in the Piedmont Plateau, while peanuts are outstanding in the Middle Coastal Plain. Peanuts produce almost 4 times as much oil per acre in the Middle Coastal Plain as cotton-seed. The ratio is 3-1/2 times as much from peanuts as from cottonseed for all areas in the sample; about 1-1/2 times for the Piedmont Plateau. In Bulloch County and in Toombs County, the computed oil outturn for 1942 is about 5-1/2 times as much per acre from peanuts as from cottonseed.

In the Middle Coastal Plain 97 percent of the farms produced more oil per acre from peanuts than from cottonseed; in the Piedmont Plateau only 66 percent of the farms excelled with peanuts; the State average is 91 percent (table 16).

The frequency distribution (table 17) shows the largest percentage of farms in all but one area in the 40-59 pounds of oil per acre group for cottonseed. Peanut yields do not show nearly so strong a tendency to cluster around any particular yield. In the Middle Coastal Plain, the principal peanut area of Georgia, oil yields range from below 20 pounds to over 400 pounds per acre, without any pronounced tendency to concentrate around any yield figure in between. In other areas some slight concentration is noted. For example, in the Piedmont Plateau 67 percent of the farms had oil yields per acre from peanuts of 20 to 119 pounds, but a fraction of 1 percent in

this area exceeded 400 pounds. In the Fall Line Sand Hills 39 percent of the farms had oil yields of 100 to 159 pounds per acre.

For the State as a whole, 31 percent of the farms had oil yields per acre from cottonseed less than 40 pounds; 62 percent less than 60 pounds; 83 percent less than 80 pounds; 93 percent less than 100 pounds; and 7 percent 100 pounds or more. With peanuts, only 5 percent of the farms had oil yields of less than 40 pounds per acre; 10 percent less than 60 pounds; 16 percent less than 80 pounds; 23 percent less than 100 pounds; 41 percent from 100 to 199 pounds; 27 percent from 200 to 299 pounds; 8 percent from 300 to 399 pounds; and 1 percent 400 pounds or more (table 17).

#### LOUISIANA

In Louisiana, 1,302 farms from 9 counties were included in the study. The weighted average cotton lint yield for the areas growing cotton and peanuts was 171 pounds; the peanut yield 306 pounds.

The computed oil outturn per acre from cottonseed ranged from 32 pounds in Caddo Parish to 75 pounds in Rapides Parish, on farms producing both cotton and peanuts. The average for all Louisians areas growing the two crops was 48 pounds per acre (table 18).

The computed oil outturn per acre from peanuts ranged from 58 pounds in Caddo Parish to 177 pounds in Allen Parish, averaging 92 pounds for all areas growing the two crops.

On a relative basis, peanuts produced nearly twice as much oil per acre, on the average, as cottonseed, ranging as low as 1.4 times in Webster and Washington Parishes to 2.8 times in Allen Parish.

Twenty-two percent of the farms studied produced more oil per acre from cottonseed than from peanuts. In Washington Parish, 40 percent of the farms excelled with cottonseed; in Allen Parish not any of the 28 farms did better with cottonseed; but a substantial percentage of the farms in other parishes produced more oil per acre from cottonseed than from peanuts.

Thirty-five percent of the farms produced less than 40 pounds of oil per acre from cottonseed; 60 percent less than 60 pounds; 82 percent less than 80 pounds; and 93 percent less than 100 pounds (table 19).

From peanuts, 17 percent produced less than 40 pounds of oil per acre; 27 percent less than 60 pounds; 48 percent less than 80 pounds; 61 percent less than 100 pounds; and 39 percent 100 pounds or more (table 19).

#### MISSISSIPPI

From 5 major areas of Mississippi, 2,750 farms were selected in 13 counties for a comparison of oil and meal yields from cottonseed and pearuts. Mississippi ranks first among the 9 States on cotton lint yields but eighth on pearut yields for those areas of the State growing the two crops. By counties, Lowndes County was low with a cotton lint yield of 203 pounds per acre; Simpson County was high with 357 pounds; and the average for all areas growing both crops was 279 pounds (table 20).

Peanut yields averaged 347 pounds per acre, ranging from 233 pounds in Holmes County to 450 pounds in Itawamba County.

The computed oil outturn from cottonseed averaged 81 pounds per acre for all the farms included in the sample. All areas except the Black Belt averaged very close to this quantity. Only 59 farms were included in the Black Belt area, and the computed cottonseed oil outturn per acre from these amounted to only 58 pounds.

The outturn of oil from peanuts was only 104 pounds per acre for all farms included, ranging from 70 pounds in Holmes County to 135 pounds in Itawamba County.

On a farm to farm basis in Mississippi, peanuts yield only a very little more oil per acre than cottonseed. The ratio of peanut oil yield per acre to cottonseed oil yield per acre for the 2,750 farms was 128 percent. In two of the 13 counties cotton excelled peanuts. In only 2 of the 13 counties did peanuts yield as much as 1-1/2 times the oil per acre as came from cottonseed. Forty-five percent of the farms included in the study produced more oil per acre from cottonseed than from peanuts; the lowest county average was 25 percent of the farms in favor of cottonseed.

From the frequency distribution (table 21) of farms by oil yield per acre is revealed the fact that approximately half of the farms produced between 60 and 99 pounds of oil per acre from cottonseed. Peanut oil yields are distributed all the way from below 20 pounds to more than 400 pounds, with more than half of them below 100 pounds per acre.

Only 8 percent of the farms produced less than 40 pounds of oil per acre from cottonseed, compared with 21 percent for peanuts; 24 percent produced less than 60 pounds from cottonseed, compared with 31 percent for peanuts; 47 percent produced less than 80 pounds from cottonseed, compared with 48 percent for peanuts; 71 percent produced less than 100 pounds from cottonseed, compared with 58 percent for peanuts; and 29 percent produced 100 pounds or more from cottonseed, compared with 42 percent for peanuts (table 21).

#### OKLAHOMA

From 20 counties, representing 6 major areas of Oklahoma, 3,762 farms were studied to compare per acre oil outturn from cottonseed and peanuts, farm by farm. These farms had a weighted average cotton lint yield of 147 pounds and a peanut yield of 528 pounds per acre. By counties the cotton lint yield ranged from 97 pounds to 235 pounds. The Rolling Plains area averaged 192 pounds of lint per acre, compared with 133 pounds in the Coastal Plains. Peanuts averaged 640 pounds in the Coastal Plains, and almost as high with 622 pounds in the Rolling Plains. The lowest county average for peanuts among the 20 counties was 327 pounds in Latimer County; the highest was 807 pounds in Caddo County (table 22).

The computed oil outturn from cottonseed ranged from 25 pounds per acre to 57 pounds, by counties; by areas, from 34 to 47 pounds. The weighted average for all farms included in the study was 37 pounds per acre.

The computed oil outturn from peanuts was only 98 pounds per acre in Latimer County but went up to 242 pounds in Caddo County, averaging 158 pounds for all farms in the study. The Coastal Plains has the highest area average (192 pounds) followed in order by Rolling Plains (187 pounds), Cross Timbers (166 pounds), Central Prairies (153 pounds), Eastern Prairies (143 pounds), and the Ozark-Cuachita Highlands (106 pounds).

On a comparative basis, peanuts produce 4-1/4 times as much oil per acre as cottonseed, ranging by counties from 2.6 times to 5.6 times as much. The Coastal Plains area produces more than 5-1/2 times as much oil per acre from peanuts as from cottonseed; the Cross Timbers, 4-1/2 times; the Rolling Plains, the Central Prairies, and the Eastern Prairies, nearly 4 times; and the Ozark-Cuachita Highlands, about 2-3/4 times as much from peanuts as from cottonseed.

Although peanuts produce considerably more oil per acre, on the average, cottonseed excelled on 7 percent of the farms studied, ranging from 3 to 10 percent by counties (table 22).

In all areas except the Rolling Plains, about 60 percent of the farms produced less than 40 pounds of oil per acre from cottonseed. By areas, up to 12 percent of the farms produced less than 40 pounds of oil per acre from peanuts. Peanut oil yields range all the way from near-failure to over 400 pounds per acre, with only slight tendency to group around any particular yield.

Twenty percent of the 3,762 Oklahoma farms included in the study produced less than 20 pounds of oil per acre from cottonseed, compared with 2 percent for peanuts; 59 percent produced less than 40 pounds from cottonseed, compared with 8 percent for peanuts; 84 percent produced less than 60 pounds per acre from cottonseed, compared with 15 percent for peanuts;

94 percent produced less than 80 pounds from cottonseed, compared with 24 percent for peanuts; 98 percent produced less than 100 pounds from cottonseed, compared with 33 percent for peanuts; and only 2 percent produced 100 pounds or more from cottonseed, compared with 67 percent for peanuts. Thirty-seven percent of the farms produced from 100 to 199 pounds of oil per acre from peanuts; 20 percent from 200 to 299 pounds; 7 percent from 300 to 399 pounds; and 3 percent 400 pounds or more (table 23).

#### SOUTH CAROLINA

In South Carolina, 1,742 farms from 13 representative counties from 4 major areas were included in the study.

The weighted average cotton lint yield for the South Carolina areas growing both cotton and peanuts was 215 pounds per acre; peanuts averaged 437 pounds (table 24).

The highest county average cotton lint yield was 448 pounds in Marion County; the lowest, 158 pounds in Barnwell County. The weighted average by areas gives the Piedmont Plateau 310 pounds; the Fall Line Sand Hills 219 pounds; the Lower Coastal Plain 218 pounds; and the Middle Coastal Plain 202 pounds. With these yields the computed oil outturn from cottonseed averages 60 pounds per acre for all areas. By counties, it ranges from 43 pounds per acre in Barnwell County to 122 pounds in Marion County. By areas, the Piedmont Plateau leads with 90 pounds of oil per acre, followed in order by the Fall Line Sand Hills with 63 pounds, the Lower Coastal Plain with 59 pounds, and the Middle Coastal Plain with 55 pounds.

Peanut yields averaged 910 pounds for the 69 farms included from Horry County but only 300 pounds for the 267 farms in Allendale County. By areas, the Fall Line Sand Hills was highest, with an average of 512 pounds, followed by the Piedmont Plateau where a few farms from Anderson County brought the average yield for the area up considerably. The Middle Coastal Plain had an average peanut yield of 412 pounds and the Lower Coastal Plain 367 pounds. These yields resulted in a computed oil outturn of 130 pounds per acre for all areas included in the sample. By counties, the computed oil outturn per acre ranged from 90 pounds in Allendale and Dorchester to 273 pounds in Horry. The Fall Line Sand Hills averaged 152 pounds of oil per acre; the Piedmont Plateau and the Middle Coastal Plain 128 pounds each; and the Lower Coastal Plain 106 pounds.

The ratio of peanut oil yield per acre to cottonseed oil yield per acre shows Horry County producing 3 times as much from peanuts, but Edgefield County only 1.2 times. For all areas peanuts produce 2.2 times as much oil per acre as cottonseed. The Fall Line Sand Hills show an advantage for peanuts of 2.4 times; the Middle Coastal Plain 2.3 times; the Lower Coastal Plain 1.8 times; and the Piedmont Plateau only 1.4 times (table 24).

Twenty-one percent of the farms produced more oil per acre from peanuts than from cottonseed. In Dorchester County 58 percent did better with cotton-seed, but only 31 farms were included in the sample. In the Middle Coastal Plain, with more than a thousand farms in the sample, 23 percent produced more oil per acre from cottonseed than from peanuts.

The frequency distribution (table 25) shows that 27 percent of the farms produced less than 40 pounds of oil per acre from cottonseed, 51 percent less than 60 pounds, 68 percent less than 80 pounds, 82 percent less than 100 pounds, and 18 percent 100 pounds or more.

For peanuts, 11 percent of the farms produced less than 40 pounds of oil per acre, 22 percent less than 60 pounds, 35 percent less than 80 pounds, 45 percent less than 100 pounds, 34 percent from 100 to 199 pounds, 14 percent from 200 to 299 pounds, 5 percent from 300 to 399 pounds, and 2 percent 400 pounds or more.

#### TEXAS

In Texas, 4,196 farms from 29 representative counties from 7 major areas growing both cotton and peanuts were included in the study.

The weighted average cotton yield for these farms was only 105 pounds compared with the 1942 yield for the State of 182 pounds. Peanuts averaged 469 pounds per acre, which is only 11 pounds less than the 1942 State average of 480 pounds (table 26).

Cotton lint yields were as low as 63 pounds in the Rio Grande Plain and as high as 222 pounds in the High Plain. The average for the Rolling Plains was 161 pounds; Coastal Plain 125 pounds; Edwards Plateau 103 pounds; Grand Prairie 102 pounds; and Cross Timbers 92 pounds. The computed oil outturn from these yields indicates that the High Plains would yield about 50 pounds of oil per acre from cottonseed, 36 pounds in the Rolling Plains, 29 pounds in the Coastal Plain, 23 pounds in the Edwards Plateau, 21 pounds in the Cross Timbers, and 24 pounds as the average for all areas growing cotton and peanuts.

Peanut yields averaged as low as 157 pounds per acre for 43 farms in Starr County and as high as 860 pounds for 53 farms in Lamb County. By areas, the High Plains ranked first with an average of 602 pounds, followed in order by the Cross Timbers with 510 pounds, Edwards Plateau with 503 pounds; Rio Grande Plain with 479 pounds; Rolling Plains with 454 pounds; Coastal Plain with 423 pounds; and Grand Prairie with 350 pounds. The computed oil outturn from these yields would be as low as 47 pounds per acre in Starr County to as high as 258 pounds in Lamb County. The High Plains would turn out 181 pounds of oil per acre from peanuts, Cross Timbers 153 pounds, Edwards Plateau 151 pounds, Rio Grande Plain 144 pounds,

Rolling Plains 136 pounds, Coastal Plain 127 pounds, Grand Prairie 105 pounds, and the average for all areas growing cotton and peanuts 141 pounds per acre.

The ratio of peanut oil yield per acre to cottonseed oil yield per acre shows that peanuts have a considerable advantage in all counties, ranging from a low of 2.2 times in Wilbarger County to 11.3 times in Atascosa County. In the Rio Grande Plain peanuts produce 10.3 times as much oil per acre as cottonseed, based on a sample of 309 farms; the Cross Timbers produce 7.3 times, based on a sample of 515 farms; the Edwards Plateau 6.6 times, based on 295 sample farms; the Coastal Plain 4.4 times, based on 1,875 sample farms; the Grand Prairie 4.2 times, based on 84 farms; the High Plains 3.6 times, based on 289 farms; and all areas growing cotton and peanuts show peanuts producing 5.9 times as much oil per acre as cotton-seed, based on a weighted average for the 4,196 farms included in the study.

The frequency distribution (table 27) shows the range of oil yields per acre by 20-pound class intervals up to 400 pounds of oil per acre. In no area does any of the farms exceed 159 pounds of oil per acre from cottonseed, but in 6 of the 7 areas a small percentage of the farms produced 400 pounds of oil or more per acre from peanuts. For the State as a whole, 35 percent of the farms produced less than 20 pounds of oil per acre from cottonseed, 78 percent less than 40 pounds, 93 percent less than 60 pounds, 97 percent less than 80 pounds, and 99 percent less than 100 pounds.

With peanuts only 4 percent produced less than 20 pounds of oil per acre, 14 percent less than 40 pounds, 24 percent less than 60 pounds, 34 percent less than 80 pounds, 45 percent less than 100 pounds, 36 percent from 100 to 199 pounds, 13 percent from 200 to 299 pounds, 5 percent from 300 to 399 pounds, and 1 percent 400 pounds or more.

As in Alabama to represent the Southeast, a special analysis was made in Texas to represent the Southwest. Tables 28 and 29 give the results of the special study designed to show, by areas, the percentage of farms producing one, two, three, four, five, and six times or more as much oil per acre from peanuts as from cottonseed. For the entire sample, 36 percent of the farms produced more than 6 times as much oil per acre from peanuts as from cottonseed. Fifty-three percent of the farms produced more than 4 times, 79 percent more than twice as much, and 93 percent as much or more from peanuts as from cottonseed. Similar results are shown by areas, with the Rio Grande Plain, Cross Timbers, and Edwards Plateau having higher percentages of the farms producing four, five, and six times as much oil per acre from peanuts as from cottonseed.

# II. PEANUTS VERSUS COTTONSEED FOR MEAL PRODUCTION

Computations for the meal outturn from cottonseed and peanuts are presented in tables similar to the presentation of the data on the oil outturn. The data are given for 23,713 farms, by physical resource areas and by States and counties in tables 30 to 50. One series of tables gives the 1942 cotton lint and peanut yields, computed meal outturn from cottonseed and peanuts, ratio of peanut meal yield per acre to cottonseed meal yield per acre, and the percent of farms producing more meal per acre from cotton-seed or from peanuts. The second series of tables gives a frequency distribution of the 23,713 farms by the meal yields per acre from cottonseed and peanuts, in 50-pound class intervals, by States and physical resource areas.

For purposes of this report, only a few of the major highlights will be cited here. For State and county details see tables 30 to 50, inclusive.

Obviously, the high and low producing areas for meal will be the same as reported above for oil, but the advantage of peanuts over cottonseed in the production of meal is less pronounced than in the production of oil. For the Southern Region as a whole 17 percent of the farms produced more oil per acre from cottonseed, but 36 percent of the farms produced more meal per acre from cottonseed. Peanuts yielded 3.5 times as much oil per acre as cottonseed but only 1.9 times as much meal. Each of the 23 areas averaged more oil per acre from peanuts than from cottonseed, but in 6 of the 23 areas cottonseed excelled peanuts in the per acre production of meal (table 30). The average for all areas included in the study for Mississippi shows that State producing only 71 percent as much meal per acre from peanuts as from cottonseed. The per acre yields, by areas, show a computed meal outturn of only 44 pounds from cottonseed in the Rio Grande Plain. On the other extreme, Sand Mountain farmers produced 341 pounds of meal per acre from cottonseed. The average for the Southern Region was 141 pounds. By States, the meal yields varied from 74 pounds in Texas to 211 pounds in Mississippi.

The computed meal outturn from peanuts averaged 269 pounds per acre for the Southern Region, ranging from 101 pounds in the Black Belt to 364 pounds in the Sand Mountain area, or from 149 pounds in Mississippi to 274 pounds in Georgia.

Relatively, the Rio Grande Plain of Texas shows up best for peanuts, by producing 5.4 times as much meal per acre from peanuts as from cotton-seed; the Brown Loams of Mississippi is relatively best for cotton, as peanuts in that area produced only 0.6 as much meal per acre as cottonseed on farms growing both crops. Large areas of Oklahoma and Texas and the Middle Coastal Plain of the Southeast produced more than twice as much meal per acre from peanuts as from cottonseed.

A certain percentage of the farms in all areas produced more meal per acre from cottonseed than from peanuts, ranging from 7 percent in the Edwards Plateau to 76 percent in the Brown Loams area, and averaging 36 percent for the Southern Region. In 6 of the 23 areas, approximately two-thirds of the farms excelled with cottonseed; in 2 areas approximately one-half did likewise; in 3 areas about one-third; in 5 areas about one-fourth; in 4 areas about one-fifth; and in 3 areas a still smaller percentage did better with cottonseed than peanuts in meal production per acre. By States, 76 percent of the farms in Mississippi produced more meal per acre from cottonseed than peanuts; in Florida, only 15 percent; Texas, 19 percent; Oklahoma, 20 percent; Georgia, 25 percent; Arkansas, 38 percent; Louisiana, 41 percent; Alabama, 47 percent; and South Carolina, 51 percent.

# III. SOYBEANS VERSUS COTTON FOR OIL PRODUCTION

Only 3 of the 9 Southern Region States are important in the production of soybeans. From these 3, Arkansas, Louisiana, and Mississippi, plus Texas, 28 representative counties were selected, from which per acre yield data were tabulated for 4,057 farms growing cotton and soybeans. The majority of these farms were in the Mississippi River Delta areas of Arkansas, Louisiana, and Mississippi.

Table 51 gives a State and area summary of the information as it relates to oil production. Weighted average cotton yields for the areas growing soybeans and cotton were: Arkansas, 518 pounds; Louisiana, 386 pounds; Mississippi, 447 pounds; and Texas, 291 pounds. The Mississippi River Delta area averaged 493 pounds; and the Red River Delta area 326 pounds.

Soybeans averaged 17 bushels per acre in Arkansas; 11.5 bushels in Louisiana; 15.8 bushels in Mississippi; and 8.7 bushels in the Texas areas growing soybeans and cotton.

The high cotton yields and high oil outturn from the Arkansas Delta cottonseed puts cotton far out ahead of soybeans in the per acre production of oil. The computed oil outturn from cottonseed is 167 pounds per acre, compared with 130 pounds for soybeans. The State figure includes a few farms from the Red River Delta where soybeans gave better results per acre than cottonseed. Both Louisiana and Mississippi produced more oil per acre from cottonseed than from soybeans, while soybeans did better than cottonseed on the few farms included in the study from Texas. The weighted average for all areas included in the study shows that soybeans did only 90 percent as well as cottonseed in per acre oil production, ranging from 78 percent in Arkansas to 115 percent in Texas. In Arkansas 76 percent of the farms produced more oil per acre from cottonseed than from soybeans; Louisiana, 64 percent; Mississippi, 64 percent; and Texas, 47 percent.

The Mississippi River Delta, the principal soybean area of the Southern Region, produced 161 pounds of oil per acre from cottonseed and only 81 percent as much or 130 pounds per acre from soybeans. In the Mississippi River Delta areas of Arkansas and Louisiana, soybeans produced about three-fourths as much oil per acre as cottonseed; in the Delta areas of Mississippi, 88 percent as much, For all the Delta areas 73 percent of the farms produced more oil per acre from cottonseed than from soybeans.

A special analysis of the data for Arkansas and Mississippi (tables 52 and 53) shows that 18 percent of the farms produced less than half as much oil per acre from cottonseed as from soybeans and 71 percent produced less oil per acre from soybeans than from cottonseed. Three percent of the farms produced twice as much oil per acre from cottonseed as from soybeans. These contrasts are more striking in the Mississippi River Delta areas than in other parts of these two States.

Tables 54 to 59 give, by counties, frequency distribution of farms by oil yield per acre from cottonseed and soybeans, 1942 yield per acre for cotton and soybeans, computed oil outturn from cottonseed and soybeans, ratio of soybean oil yield per acre to cottonseed oil yield per acre, percent of farms producing more oil per acre from cottonseed or soybeans, and number of farms in the sample.

#### IV. SOYBEANS VERSUS COTTONSEED FOR MEAL PRODUCTION

In the areas growing cotton and soybeans, the per acre meal outturn from soybeans is approximately 1-3/4 times that from cottonseed (table 60). The computed meal outturn from cottonseed in the Mississippi River Delta is 448 pounds per acre, compared with 774 pounds from soybeans. In the Red River Delta and in Texas, soybeans produced more than twice as much meal per acre as cottonseed. Nevertheless, approximately one-fifth of the farms produced more meal per acre from cottonseed than from soybeans.

Further details, by counties and areas, are given in tables 60 to 66.

Table 1.- Yield of oil and meal per 100 pounds of seed from peanuts, soybeans, and cottonseed

1	Peanuts 1/	3 1/	Soybeans 2/	ans 2/	•• ••	Cottonseed 3/	ed <u>3</u> /
	011 8	Meal	011	Meal		0il 8	Meal
	Pounds	Pounds	Pounds	Pounds		Pounds	Pounds
Alabama :	30 %	43				16.1	43.5
Arkansas 1	30	20	12.7	78.9		15.4	44.3
Georgia	30	43				16.2	43.6
Florida . :	30	43				16.2	43.6
Louisiana	20 20	50	13.7	79.9		15.8	43.5
Mississippi :	30	43	14.0	79.6		16.8	43.8
Oklahoma :	30	20 20				13.5	43.7
South Carolina;	30	43			, ,	16.5	46.6
Texas	30	20	14.4	83.1	:	14.4	44.7

50 pounds estimated herein, which is a compromise between the published estimate and unpublished data Estimates from table 5, The Fats and Oils Situation, March 1943. The published estimates on meal for Arkansas, Louisiana, Oklahoma, and Texas are 54 pounds per 100 pounds of seed, rather than the

for the 1942 crop for certain mills in those States.

Based on information furnished the Southern Division, AAA, by mills crushing the 1942 crop of soybeans Based on outturn as reported by the Bureau of the Census for August 1942 to July 1943. produced in these States.

Southern Division, AAA October 20, 1943

Table 2.- Factors applied to peanut, soybean, and cotton lint yields to convert such yields to oil and meal yields per acre

	To conve	To convert peanut	11	1 To con	To convert soybean :		To convert cotton	t cotton
8	yiel	yields to	41040		yields to ::	State and area	lint yield	to
ಶ್ವಚ್ಛಾರ	Oil per	s Meal per	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s Oil per	1 Me	ממתם מחות פרסים	Oil per	Ç14
**	acre 1/	sacre 2/	8.8	s acre	s acre s		acre 4/	s acre 4/
**	Percent	Percent	99	Pounds !	per bushel 3/ 11		Percent	Percent
Alabama s	20	43	:: Arkansas	1 7.62	47.34 81	Alabama		
Arkansas	30	20	**	•		Coastal Plain	28.16	76.12
Georgia	30	43				Piedmont	26.56	71.78
Florida s	30	45	:: Louisiana	8.22	47.94 81	1111	25.76	69°60
Louisiana	30	20	90			Arkansas		
Mississippi :	30	43	11 Mississippi	8.40	47.76	Delta	32.34	93.03
Oklahome s	30	20	***			H111	29.26	84.17
South Carolina :	30	43				Georgia		
Texas	30	20	11 Texas	8 8.63	49.86	Coastal Plain	26.73	71.94
•						Piedmont	27.54	74.12
						Hill	27.54	74.12
1/ The 30 percent factor to convert to	t factor to	convert to	oil vield per acre is based on table	ore is base	ed on table 5, ;	Florida	27.54	74.12
The Rets and Oils Situation, Bureau of	a Situation	1. Bureau of		onomics. M		Louislana		
For counties in	the Souther	st producin		runner bean	nuts, a factor;	Coastal Plain	26.86	73.95
of 29 nercent was used instead of 30.	g used inst	sead of 30.				Delta	30.02	82.65
2/ The factor fo	r meal is f	rom the sam	The factor for meal is from the same report, except that 50 percent rather	that 50 p	ercent rather :	H111	28.44	78.30
than 54 percent was used for Arkansas,	was used fo	r Arkansas,	Louisiana, Oklahoma, and Texas.	homa, and	Texas. The	Mississippi		
Journ percentage for these States is a	for these	States is a		een the pul	blished esti- ;;	Coastal Plain	28.56	74.46
meter and the unumblished data for the	nublished d	lata for the		ertain mil	ls in those sa	Delta	33.60	87.60
States.						H111	30.24	78.84
3/ These factors	are based	on informat	These factors are based on information furnished the Southern Division, AAA:	e Southern	Division, AA.	Oklahoma		
hy milla ornahing the 1942 crop of soybeans produced in the respective States	r the 1942	crop of soy	beans produced 1	n the resp	ective States in	Hill	25.65	83.03
where the mills are located.	are located				-	Western Dry	24.30	78.66
4/ These factors	were deriv	red by multi	These factors were derived by multiplying the pounds of seed per pound of	s of seed ]	per pound of	South Carolina		
Tint for the var	fous areas	(unpublishe	int for the various areas (unpublished estimates on file in the Bureau of	ile in the	Bureau of	Coastal Plain	27.22	76.89
Arricultural Eco	nomics) by	the percent	Arricultural Economics) by the percentage outturn of oil or cake and meal for	il or oake	and meal for ,	Piedmont	28.88	81.55
the respective S	tates as re	sported by t	the respective States as reported by the Bureau of the Census for the period	Census for	r the period ::	Texas		
Apprist 1, 1942 through July 31, 1943.	hrough July	7 31, 1943.	For example, in the Delta of Missis-	the Delta	of Missis-	H111	22.32	69.28
sippi it is estimated that two pounds	mated that		_	uced for e	ach pound of si	Western Dry	22,32	69,28
lint. Cottonsee	d orushed	in Mississip		3 season r	esulted in an :	Gulf Coast		
oil outturn of l	6.8 percent	t. Two time	outturn of 16.8 percent. Two times 16.8 equals 33.60, the	.60, the fa	factor used in ;	Prairie	24.48	75,99
the Delta counties of Mississippi to convert cotton lint yield	es of Missi	issippi to o	onvert cotton 11	nt yield to	to oil yield :			
per acre.								
Southern Division, AAA	n, AAA	October 15.	1943					

Table 3.- Comparative data on oil yields per acre from cottonseed and peanuts. by areas, Southern Region, 1942

	Number	90 00	Yield per	acre, 1942	The state of the s	Ratio of ;	Di.	Percent of farms roducing more oil
Wimber and name of area 1/	farms		••	Computed	Sep-4	•	- 1	e from
	in sample	Cotton: Peanuts: lint:	Peanuts:	Cotton- :	Trom	peanuts: to to: cottonseed:	Cotton- :	Peanuts
	. Number	Pounds	Pounds	82	Pounds	Percent	Percent	Percent
1. High Plains	289	222	602	20	181	362	6	16
3. Rio Grande Plain	\$ 309	63	479	14	144	1,029	വ	. 95
4. Edwards Plateau	295	103	503	23	151	657	2	98
5. Rolling Plains	1,389	184	579	43	174	405	2	93
6. Oklahoma Central Prairies:	\$ 509	162	511	39	154	* 395	10	06
8. East Oklahoma Prairies	\$ 376	148	477	38	143	376	6	91
9. Cross Timbers	2,114	133	547	33	164	497	ഥ	95
	8 84	102	350	25	105	420	ထ	92
13. Coastal Plain	••							
(South Central)	: 3,623	144	537	37	191	435	14	86
14. Ozark-Ouachita Highlands	: 1,117	160	370	45	111	247	12	88
17. Brown Loams	: 1,211	277	315	80	94	118	48	22
18. Sand-Clay Hills	1 704	276	341	80	102	128	39	61
	\$ 555	187	236	53	7.1	134	43	57
20. Upper Coastal Plain	979	267	383	72,	115	160	36	64
21. Limestone Basin	\$ 300	311	710	80	213	266	82	98
22. Sand Mountain	\$ 597	490	846	126	254	202	16	84
25. Appalachian Highlands	133	250	305	. 64	88	144	37	63
25. Piedmont Plateau	1,607	251	355	67	106	158	32	68
26. Fall Line Sand Hills	1117	181	520	52	155	298	10	06
27. Coastal Plain - Red Belt	\$ 299	, 229	577	63	173	275	~	86
28. Middle Coastal Plain	\$ 6,259	192	662	52	197	379	12	88
29. Lower Coastal Plain	114	223	446	09	131	218	30	70
31. Rolling Sandy Lands	••							
and Flatwoods	133	153	431	42	125	298	13	87
Southern Region	\$ 23,707	188	584	50	175	. 350	17	83

1/ Numbers correspond with area numbers on map in this report.

Southern Division, AAA November 12, 1943

ston-shuts:ton-shuts:ton-shuts:ton-shuts:ton-shuts:ton-shuts:ton-shuts:ton-shuts:ton-shuts:ton-shuts:ton-shuts:seed: seed: see Cot-:peg\_:Cot-:peg\_:Cot-:peg\_:Cot-:peg\_:Cot-:peg\_:Cot-:peg\_:Cot-:peg\_:Cot-:peg\_:Cot-:peg\_:Cot-:peg\_:Cot-:peg\_ 100 100 100 100 100 100 2 12 Clay Hills Table 4.- Frequency distribution of farms by oil yields per acre from cottonseed and peanuts, by areas, Southern Region, 1942 Sand-Loams 1,211 Brown 23 , Ouachita; Ozark- : Highlands; 1,117 : Oklahoma: East : Cross : Grand : Coastal : Central : Oklahoma: Timbers : Prairie : Plain : 100 100 100 100 100 100 3,623 22 22 23 910 34 54 12 000 400 ; Prairie ; Prairies; 100 Percent 100 26 35 18 100 100001 100 113 28 28 28 28 100 \* Edwards \* Rolling Grande : Plateau ' Plains 100 22 34 34 20 20 13 100 100 100 100 Plain : 0 2 7 0 0 82 100 100 Plains 15 23 27 20 13 Number of farms 100 and over in sample Oil yield per acre (pounds) 40**- 5**9 60**- 79** 80**-** 99 220-239 260-279 300-319 320-339 340-359 360-379 380-399 Total 140-159 240-259 280-299 00-119 160-179 180-199 200-219 120-139

\* Less than 5 tenths of 1 percent.

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-- continued

Place   Plac	Table 4 Frequ	nency	Frequency distribution of farms by	ibuti	on o	farm		oil yi	yields per		acre fr	from cottonseed	tonse	ed and		peanuts, by areas,	by are		outhe	Southern Region,	gion		1942, (cont.)
	Oil yleld per acre	m m	lack 91t	1	oper ustal	Lime	sin	7 00 00 00		Appel! High	achian	Piedn Plate	4	1	Line Hills	Coast Plan		Middl Coast Plai	81 : n	Lowe Coast Plai		Collin Land Flat	0 1
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99	160-179	. 1	.№	H	4		7	6	Ŋ	0	ы	7	4	7	7		10	*	7		4		<b>10</b>
9	180~188	**	8	*	4		ည	4	0	0	10	0	cs	0	9		7	*	7		23		4
State   1	200-219	•• ••	1	*	es		7	ю	0	0	4		83	*	9		7	*	7		80	,	4
59   </td <td>220-239</td> <td>••</td> <td>7</td> <td></td> <td>N</td> <td></td> <td>0</td> <td></td> <td>വ</td> <td>1</td> <td>2</td> <td>*</td> <td>03</td> <td>0</td> <td>4</td> <td></td> <td>m</td> <td></td> <td>9</td> <td></td> <td>4</td> <td></td> <td><b>-</b>-1</td>	220-239	••	7		N		0		വ	1	2	*	03	0	4		m		9		4		<b>-</b> -1
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farms; 555 979 500 597 133 1,607 711 182 6,259 114	Total	1100						100		100	100		100	100								001	100
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Less than 5 tenths of 1 percen

Southern Division, AAA November 12, 1945

Table 5.- Comparative data on oil yields per acre from cottonseed and peanuts. by States, Southern Region, 1842

••	Number	>-i	Yeld per	acres rotte	#6	. oil yield:	yield:producing more oil	more oil
State	farms	Cotton		Computed oil outturn from	ed oil n from	: per acre,:	per acre	from
	in	: lint :	reanuts :	Cotton-:	Peanuts	to to :	seed	Peanuts
	Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
Alabama	3,875	179	593	48	174	362	22	78
Arkensas :	1,150	188	396	26	119	212	17	83
Florida	876	151	535	42	159	379	41,	96
Georgia	4,054	203	637	52	161.	347	on	91
Louisiana :	1,302	171	306	48	92	201	22	78
Mississippi	2,750	279	347	81	104	128	45	ເດ
0klahoma :	3,762	147	528	37	158	427	7	හ ග
South Carolina :	1,742	215	437	09	130	217	21	79
e sexe≘	4,196	105	469	. 54	141	588	φ	65
Southern Region; 23,707	23,707	188	584	20	175	350	17	83

Southern Division, AAA November 15, 1943

Table 6.- Frequency distribution of farms by oil yields per acre from cottonseed and peanuts.

by States, Southern Region, 1942

						2	この この ひつ ひつ		2000000	TINETON T		24 04							
Oil yield	Alabama	Ark.	Arkansas	Georgia	stin s	Florida	I .	Louis	iana!	Louistana Mississippi Oklahoma	sippi	Okla	1	South	th :		Texas	Southern Region	lon
per acre (pounds)	:Cot-: Pea-:ton-: Pea-:ton-: seed:nuts:	tCot ton 8:800	:Cot-:Pea-: :ton-:nuts:	Cot-Pea- iton-inuts	bea-	:Cot-:Pea.: :ton-:nuts:	bea-	:Cot-:Peg- :ton-:nuts	:Cot-:Peg-: :ton-:nuts:	: Cot-: : ton-:	Pea-	:Cot-:Pea_:Cot-:Pea_:Cot-:Pea_:ton-:hots:ton-:nuts:seed:nuts:seed:	Pea- nuts	:Cot-:Pea- :ton-:nuts	Pea- nuts	Cot-Pea- ton-snuts	Pea- nuts	:Cot-:Pea- :ton-:nuts	Pea-
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160-179	N **			*	0	0	4	*	4	H	60	*	9	~	ဖ		ග්	7	9
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280-299		N	*		100		4		Н	0	*		N3	0	જ		r-4		03
500-519	10 00	63	80	1	50		60		H	0	es		C/3	0	erd.		H		. №
520-539	•	64	*		82	,	10		*	.0	*		03	*	<b></b> -		H		H
340-359	\		*		ᆏ		N2		*	0	*		Н		۲H		Н		Н
360-379	••	7	*		٦		H		*	0	H		p=1		٢	r	H		-1
380-399			0		Н		H		*	0	*		ri		Н		-		7
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Total	100 10	100 100	100	100	100	1000	1001	100	100	100	100	100	100	100	100	100	100	100	100
		1	1	-	1	1	1	T	I	-	1	1	1	1	1	1	1		1
number of rarms fn sample	3,875	7	1,150	4,054	54	876	,	1,302	20	2,750	20	53	3,762	1,57	.,742	49]	4,196	23,707	707
4 Then then 5 4	tenthe of		+40004																

\* Less than 5 tenths of 1 percent.

Southern Division, AAA Movember 10, 1943

Table 7 .- Rank of Southern Region States by various factors related to oil yields per acre from cottonseed and peanuts, 1942

acre irom	 ::	Ratio of oil : syield peracres:	ing more oil :	farms producting more oil s		(High to low)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
cottonseed:	peanuts :	cottonseed:	cottonseed : than from : peanuts 1/ :		Cotton :	· Peanuts :	Ratio: Peanuts to cotton
* * * * * * * * * * * * * * * * * * *	: Georgia	Texas sh	1	Florida :	South Carolina: Mississippi		: Oklahoma
South Carolina Alabama		: Oklahoma :	.Alabama :(	Oklahoma :	Алараша	Arkansas	Texas
Arkansas sF.	Florida :	Florida [1]	Louisiana :	Texas	Georgia	Florida	Arkansas
Georgia :01	Oklahoma :	Alabama :	South Carolina Georgia		Mississippi .	Alabema	Florida
Alabama :T	Texas	Georgia :	* ************************************	Arkansas .	Florida	South Carolina:Louisiana	Louisiana
Louisiana :S	South Carolina South	South Carolina:Georgia		South Carolina: Arkansas		Georgia	Mississippi
Florida :A	Arkansas	Arkansas :	Texas	Louislana	Louisiana	Louisiana	Alabama
sOklahoma : M	Mississippi	Louisiana :	sOklahoma s.	Alabama :	Oklahoma	Oklahoma	Georgia
Texas	Louisiana	s Mississippi	Florida	Mississippi :	TOTAS	Texas	South Carolina

1/ Based on 23,707 sample farms from 136 counties in which cotton and peanuts compete.

Z/ Based on Labor Requirements for Grops and Livestock, Bureau of Agricultural Economics, May 1943; Louisiana Bulletin 361,
February 1943; Mississippi Bulletin 376, March 1943; and Peanuts: A War Crop for Arkansas, Arkansas Mimeo., March 1943.

Southern Division, AAA November 10, 1943

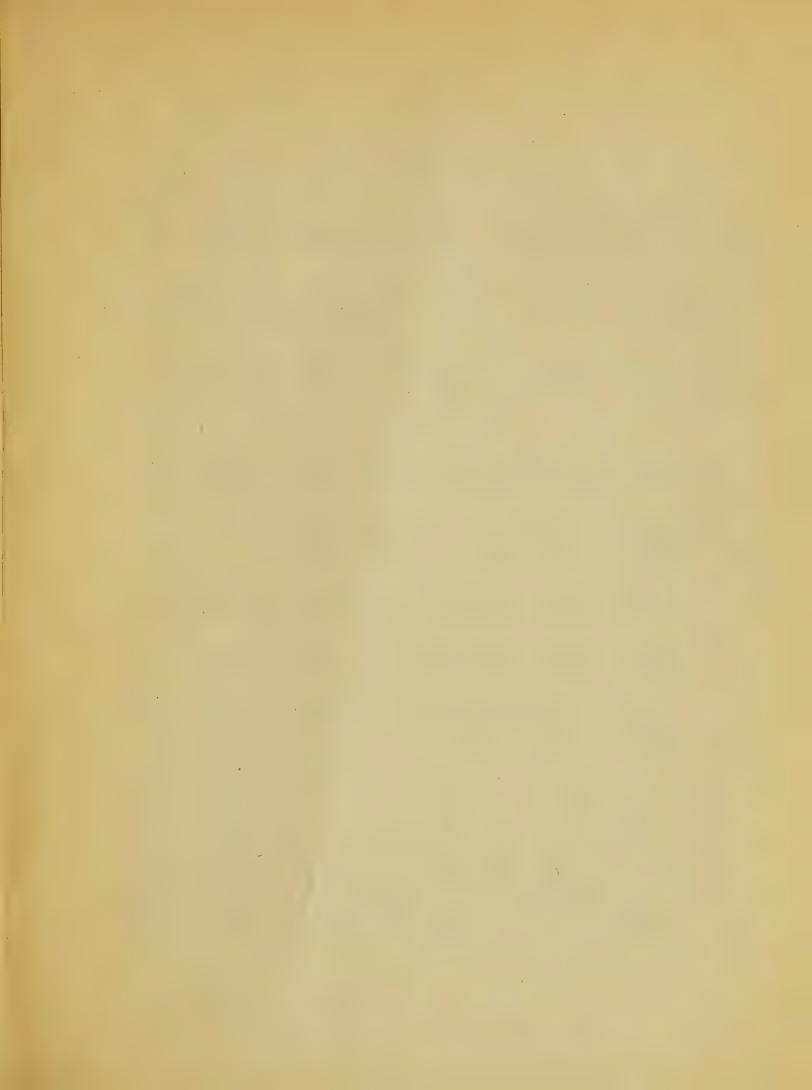


Table 8.- Comparative data on oil yields per acre from cottonseed and peanuts. selected Alabama Counties, 1942

			7 1	9701	4.0	; Ratio of	: Percent of farms	of farms	
	Number s of	-	Jed nieri	2	72.	s oil yield	pr	more oil	
County and area	farms	••	••	Comput	Computed oil	per acress	per acre	ILOM	
	ri in	: Cotton:	Cotton:Peanuts:	Cotton-:	ជា	peanuts to	Cotton-	Peanuts	
	sample		••	seed	Feanuts	:cottonseed:	2000		
	Mumber	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent	
Limestone Basin Limestone	\$ 300	311	710	80	213	566	63	80	
The Contract of the State of th	759	949	332	64	100	156	35	ලව	
upper coastal real	251	208 208	303	53	[6	172	24	92	
Franklin	206	334	437	. 98	131	152	က တ	19	
Lamer	\$ 295	295	333	18	100	132	4	26	
Sond Mountain	597	490	846	126	254	202	15	85	
Cullmen	299	497	1,023	128	307	240	7 4	96	
DeKalb	\$ 298	481	597	124	179	144	28	72	
Annelechien Highlands	133	250	305	64	ଷ	144	37	63	
Calhour	74	268	313	69	94	136	41	29	
Shelby	59	217	290	56	87	155	32	88	
Diedmont Dietern	. 621	227	283	28	89	147	31	69	
Too racea	350	125	190	32	57	178	30	20	
Randolph	1 271	254	307	65	85	142	21	69	
Black Belt	496	178	227	20	89	136	48	52	
e Len	254	231	190	65	57	88	64	36	
Lowndes	242	149	247	42	74	176	27	79	
Sand-Clay Hills					i	- (	.8	Č	
Clarke	87	138	240	39	72	185	10	R <sub>Q</sub>	
Widdle Coastal Plain	889	148	682	42	198	471	<b>82</b>	86	
Coffee	293	156	821	44	238	541	0	100	
Conecuh	296	167	510	47	148	315	ဖ	94	
Henry	300	138	624	33	181	464	0	100	
Total	3,875	179	593	48	174	362	22	78	
									1

October 19, 1943

Southern Division, AAA

000	Alabama 1		Plain 2	1	1 3/	i	4/		5/2 z	, 6/2		1/2	-	Plain 8	8/8		3
(pounds) ; to	Cot-: Pea-: ton-: nuts	Peg_:Cot-: nuts:seed:	t-:Pea- n-:pea- ed:nuts		Cot-: Pea-: :ton-: :seed: nuts	Cot ton see	-: Pea- d: nuts	Cot-: ston-:	Peanut	Cot-: Pea-: : ton-: nuts:	Pea- nuts	Cot-		:Cot-:Pea-: :ton-:nuts:		Cotton-	: :Peanuts
-	1,	1	1	1	i	1	1		-Percent-	1		I I	8		8	1	1
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40- 59 19	The Con-	03	22 1	14	2 7	24			16	21	23	13	17	26	82	19	10
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100-119	18 14		10	8 22			4	4	4	9	ເລ	-	7	- 82	ω	6	ω
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180-199	D.	10	*	ان د	4 8		83		Q	*	N		rH		တ	П	ເວ
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280-299	9	10		prof.	63		Н		*		*		0		41		€3
300-319	വ	10		_	9				0				0		80		03
320-339	80			-	ເລ				*				0		23		~
340-359	4	-44		*	20				0				0		-1		r-l
360-379	83	~		*	83				*				Н		н		H
380-399	83	0.1		*	CV										7		-
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rotal : 100	0 100	100	0 100	0 100	001 0	100	100	100	100	100	100	100	100	100 10	100	100	100
Number of farms;	1	-	1	1	1	1		1	1	1	1	1	1	1	1	1	1
in sample.	300		752	. '	262		133	9	621	496	, 9	87.		888	. (	3,875	75

Southern Division, AAA October 22, 1943

Table 10.- Relative advantage of peanuts over cottonseed in per acre oil production.
by areas in Alabama, 1942

	Perc	Percent of fa	farms produ	ucing mc	producing more than	•• ••	Percent of farms produc-	Number
Area	fines:	fines:	4 : times:	3 : times :	2 : times :	1 ;	ing more oil	farms
	នស	much of	per com c	acre from peanuts cottonseed	eanuts	•	cottonseed than from peanuts	8
	1	1	1	Percent	1	1	1	Number
Limestone Basin 1/	: :	, ro	. 91	39	69	80	N	200
Upper Coastal Plain 2/	ત્ય	ະດ	တ	15	. 30	65	, 22 23	752
Sand Mountain 3/	r-1	લ	ري ا	16	45	82	15	297
Appalachian Highland 4/	~	N .	٠ س	14	53	63	37	133
Piedmont Plateau 5/	4	9	10	18	35	17	53	619
Black Belt 6/	7	· -ග	14	02	31	22	43	496
Sand-Clay Hills 7/	16	16	23	30	40	69	21	87
Middle Coastal Plain 8/	36	<b>4</b> 6	<b>69</b>	75	88	26	<b>63</b>	888
Total	11	15	21	31	49	78	22	5,873
Sample counties: $1/Li$ $2/EL$ $3/Cu$	Limestone Elmore, Fran Cullman and Calnoun and	klin, Dekalb Shelby	and Lamar		5/ Lee an 6/ Hale a 7/ Clarke 8/ Coffee	r h	Randolph Lowndes Conecuh, and Henry	50

Southern Division, AAA October 26, 1943

Table 11.- Frequency distribution of farms by ratio of peanut oil yield per acre to cottonseed oil yield per acre. Frequency distribution of farms by areas in Alabama, 1942

Dotto	The sales								
o Tomar	Alabama 1/1	Plain 2/	ROUNTERIN :	Highland :	Flateau : 5/ :	Belt 6/	: H1118	: Plain 8/:	State
Percent s	1		1 1 1		Per	-		1	l L
Under 60	0	15	ဗ	20	14	28	O	H	11
		11	co.	8	7	9	69	i r-1	LC)
80-99	1	O)	. 4	O)	ω	G	16,	H	9
Under 100	63	35	15	52	29	43	31	ю	22
100-119	Ω.	10	7	10	8	យ	7	н	9
120-139	2	6	7	8	O	9	7	~	7
140-159 8	4	9	10	വ	ဖ	9	ω.	· (N	. 60
160-179 :	မှ	9	10	ro.	9	9	4	. 00	9
180-199		4	9	9	7	23	· 10	1 (2)	4
100-199	. G3	භ ප	40	34	36	26	53	O	29
200-219	Ø	က	ø	4	4	143	4	67	4
220-239	ιΩ	4	9	<b>Q</b> 3	4	, to	60	ı (1)	4
240-259 8	9	10	8	ယ	10	N	٠,	. P.O	4
260-279 :	ည	d)	9	0	4	-	8	4	4
280-299	ໝ	erd.	ы	4	cs.	07	0	· &2	1 63
200-299	30	NA. Limit	29	15	17	11	10	13	18
300-319	4	ব	41	က		2	ri	:0	8/3
320-339 :	9	22	cs.	~	Q	23	N3	1 10	0 00
340-359 :	ಭ	m	63	63	1	Н	: 03	, KO	0.01
360-379	41	જ	co:	62	cs.	7	0	03	· 03
380-399	4	п	-1	0	Н	*	63	ಣ	r-
800-399	23	2 4	Ħ	Oi	ω	9	7	16	10
400-419	41	~3	-	1	-	7	8	ю	61
420-439	010	rel e	Н	H	*	d	1	හ	rel
440=459 460-470	N 0	<b>-</b> 1 1	* -	-10	rri e	~ ,		NI (	H
480-499	۷ <b>-</b> ۲	Fel	+ +	00		-1 ;1	00	Nn	rl
400-499	11	വ	6.4	ю	4	ເລ	4	13	9
500-519	<b>H</b> (	*	*	01	H	ы	0	ы	Н
540-559	) r-	H 4	* 1	00	-4 +	* 1	0,	020	
560-579	100	· O *	**	000	• <b>*</b> C	* * *		NO F	
500-599	O)	н	ri	0	· «	۱ ۵	4 BY	٠ د	,
600 and over :	<b>19</b>	23	ıH	· 02	1 41	1 6-	16	36	* #
Number of farms:	300	759	507	K K	5	200		6	
	)		100	201	eto	420	0	200	2/200

\* Less than 5 tenths of 1 percent.

Southern Division, AAA October 26, 1943

Table 12.- Comparative data on oil yields per acre from cottonseed and peanuts.

	Number	p-1	ield per	Yield per acre, 1942		Ratio of :	1	Percent of farms producing more oil
County and area	farms	Cotton	•• ••	Computed	ed oil n from	per acres:	per acre	re irom
	in sample	lint :	Peanuts:	Cotton- seed	Peanuts	cottonseed:	seed	: Peanuts
	. Number	Pounds	Pounds	Pound s	Pounds	Percent	Percent	Percent
Ozerk-Onschits Highland	687	184	427	54	128	237	13	87
Faulkner	162	226	537	99	161	244	H	66
Garland	53	137	330	40	66	248	17	83
Zard	40	256	390	75	117	156	40	09
Tago.	\$ 209	150	363	44	109	248	14	86
Monteomery	69 . *	130	507	38	152	400	4	96
200000000000000000000000000000000000000	40	130	433	38	130	342	18	<b>≈</b>
Sehestian	1 67	140	437	41	131	320	6	16
Short	35	294	487	86	146	170	46	54
Stone	\$ 36	174	413	21	124	243	6 1	S)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 A C 12	101	267	υ C	110	190	23	77
Cogstal Figure	נפר •	208	393	61	118	193	17	83
TATTION DATES	1 00	137	307	40	92	230	99	81
Miller	57	185	337	54	101	187	22	75
Supply to	60	198	337	58	101	174	28	72
Union	144	212	437	. 62	131	211	27	73
Total	1 1,150	188	396	26	119	212	17	82
	•							

Southern Division, AAA September 14, 1943

Table 13.- Frequency distribution of farms by oil yields per acre from cottonseed and peanuts, by areas in Arkansas, 1942

Oli yield per acre   Ozark-Outchita   Coastal Flains-2/  State		mod see	men pomittoos by areas the Aramsass total	777 0007	TO DESTROY OF THE	4744	
(Pounds)         *Cottonseed*Peanuts*C	oil yield per acre	s Ozark-O s Highla	uachita ; nds-1/ ;	Coastal	Plains-2/		ate
0-19	(spunod)	Cottonsee	d'Peanuts;	Cottonse	ed Peanuts	Cottonseed:	Peanuts
0-19         10         4         4         4         6         8         20         10         4         4         6         8         20         10         20         20         20         11         24         12         24         22         20         10         25         12         22		1		1	1	1	
20-39         12         27         7         21         12         24           40-59         10         34         12         31         25         31         25         31         25         31         25         31         31         31         31         31         4         12         32         31         4         4         12         4         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         4         12         12         4         12<		10	*	4	4	ω	N
40-59		\$ 27	7	21	12	24	O
60-79		30	10	34	12	31	11
100-119		\$ 20	11	25	12	22	12
100-119		6	13	10	ထ	10	11
120-139	100-119	eo ••	ω	4	12	4	10
140-159	120-139		12	63	13	· r-1	21
160-179	140-159	*	12	*	ω	*	101
180-199     *     4       200-219     *     3     2       220-239     *     2     2       240-259     *     3     2       260-279     *     1     1       300-319     *     3     2       340-359     *     *     1       360-379     *     1     *       400 and over     *     1     *       Total     *     100     100     100       of farms in samples     687     463     1,5150	160-179	*	9		4	*	ເດ
200-219	180-199	0	7		4		വ
220-239	200-219	*	က		N2	*	£0
240-259	220-239	••	82		N		N
260-279	240-259	••	63		82		ဗ
280-299       ;       *       1         300-319       ;       3       2         320-359       ;       *       *         360-379       ;       1       *         400 and over       ;       0       1         Total       ;       100       100       100         of farms in sample;       687       463       1,5150	260-279	••	63		<b>,-</b> -1		N2
300-319       :       3       2         320-339       :       *       *         340-359       :       1       *         400 and over       :       100       100       100         Total       :       100       100       100         of farms in sample:       687       463       1,1150	280-299		*		<del>-</del> -1		*
320-339 340-359 380-379 380-399 400 and over 1	300-319	• ••	ю		82		ణ
340-359 360-379 380-399 400 and over 1	320-339	••	*		*		*
360-379     :     1     *       380-399     :     0     *       400 and over     :     100     100     100       Total     :     100     100     100       of farms in sample:     687     463     1,150	340-359	••	*				*
380-399       ;       0         400 and over       ;       *       1         Total       ;       100       100       100         of farms in sample;       687       463       1,150	360-379	••	~		*		*
400 and over ; * 1  Total ; 100 100 100 100  of farms in sample; 687 463 1,150	380-399	***	0				•
Total : 100 100 100 100 100 100 0f farms in sample: 687 463 15150	400 and over	• ••	*		н		*
of farms in sample: 687 463		1000	100	100	100	100	100
	of farms in	1			163	1,16	

Sample counties: 1/ Faulkner, Garland, Izard, Logan, Montgomery, Searcy, Sebastian, Sharp, and Stone.

2/ Columbia, Little River, Miller, Ouachita, and Union.

\* Less than 5 tenths of 1 percent.

Southern Division, AAA September 15, 1943

Table 14.- Comparative data on oil yields per acre from cottonseed and peanuts. selected Florida counties, 1942

						Total Powoont of farms	Donocon	of farms
	Number	<b>₽</b> 1	ield per	Yield per acre, 1942	15	s Ratio of stellocation remains to only stell yieldsproducing more oil	producing	more oil
	Jo			Computed of	od oil	s per acress	per acre from	e from
County and area	farms	*Cotton :	-	outturn from	1 from	: peanuts :	Cotton-	
	sample	lint:	realiuts .	Cotton-	Peanuts	to to :	seed	Peanuts
	Number	Pound 8	Pounds	Pounds	Pounds	Percent	Percent	Percent
Madale Goestel Plain	743	150	569	41	170	415	. 82	86
Jeoffeon	300	149	557	41	167	404	<b>-</b> 1	- 66
	143	6	321	22	93	372	ω	26
Santa Rosa	300	185	803	51	241	473	e-1	66
Rolling Sandy Lands and	00 80							
Flatwoods Suwannee	133	153	431	42	125	298	13	87
Tota1	# 876	151	522	42	159	379	4	96
	•							

Southern Division, AAA October 16, 1943

Table 15.- Frequency distribution of farms by oil yield per acre from cottonseed and peanuts. selected Florida counties, 1942

Oil yield per acre	Plain 1/	1	s and Flatwoods	twoods 2/ :	State	60
(spunod)	*Cottonseed Peanuts	Peanuts;	ottonseed	nuts	Cottonseed:	Peanuts
	1 1	1 1	Per	Percent	1 1	
	18	н	16	co.	18	H
	35	က	37	ω	ಚಿ	4
	\$ 24	4	30	O	25	ເນ
	16	ည	ω	O.	14	9
80- 99	ري •	မှ	4	12	വ	4
100-119	Ω ••••••	ω	4		0	o
120-139	*	ග	<b>.</b> g	16	} <b>-</b> -	ر د د
140-159	*	တ	ı	) (N)	t -3t	2 5
160-179	0	ග		1 17	C	24
180-199	*	ဖ		) 석	<b>*</b>	- ഹ
200-219	H • • •	ď		•	4	ı Lı
220-239		ာ ဖ		H	+ C	o ro
240-259	*	2		۱ ۵	· #	) (C
260-279	••	വ		4		, LC
280-299		വ		0		4
300-319	<b>99</b> - 99	ಣ		rH		843
320-339	••	60		ı —		) kc
340-359	••	Q		0		· «
360-379	***	m		0		ì
380-399	**	r-4		r-l		l #H
400 and over	0E 00 4	н				Н
H	100	100	100	100	100	100
Mumber of farms in sample	ZVZ	-	-			1

2/ Suwannee. Sample counties: 1/ Jackson, Leon, and Santa Rosa. \* Less than 5 tenths of 1 percent.

Southern Division, AAA October 2, 1943

Table 16.- Comparative data on oil yields per acre from cottonseed and peanuts, selected Georgia Counties, 1942

	Number	>i • •	Yead per	acre, 1016	24	; oil yield;	yield:producing more	more oil
County and area	of farms	Cotton	•• ••	Computed oil	ed oil	: per acres:	per acre	e from
	in sample	: lint : Peanuts	Peanuts :	Cotton-	Peanuts	; to ;	seed	Peanuts
	Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
6	200	245	347	67	104	155	34	99
Pledmont Flateau	2000	מרפ	320	90	96	160	31	69
Belawin	200	976	463	76	139	183	19	81
COWeta	700	2 / C	4 A	o 6	86	166	26	. 74
McDuffie	בי ה ה	25.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	2 EG 2 EG 2 EG	26	1001	103	54	46
Morgan	276	149	283	4	82	207	02	08
Fall Line Sand Hills Crawford	182	163	523	45	157	349	H	66
Coastal Plain - Red Belt Sumter	\$ 299	229	577	29	173	275	82	86
	2.643	193	680	25	204	392	<b>10</b>	97
Middle Coastal Frain	193	183	006	49	270	551	-1	66
DOITING Donates	249	239	507	64	152	238	<b>ω</b> ΄	92
Pai Pa	301	168	743	45	223	496	-1	66
COLECC	295	217	653	58	196	338	ဗ	97
	301	187	757	. 50	227	454	r-t.	<b>6</b> 6
Township	297	206	573	55	172	313	വ	92
Towns on a	255	198	710	53	213	402	<b>9</b>	94
TOWN OF THE PROPERTY OF THE PR	196	168	813	45	244	542	23	98
LOOMOS	0000	172	283	46	175	380	<b>N</b> 2	98
Worth	300	187	687	20	206	412	0	100
Lower Coastal Plain Pieroe	37	236	653	63	196	211	<b>19</b>	97
E- C- C- C- C- C- C- C- C- C- C- C- C- C-	4.054	203	637	55	191	347	6	16,

Southern Division, AAA October 23, 1943

Table 17.- Frequency distribution of farms by oil yield per acre from cottonseed and peanuts,

					by areas	in	Georgia, 1942	942				4
Oil yield	Piedmo	ont u 1	Fall Lin	Line $\frac{2}{111}$	Coastal P		Plain: Middle Cot 3/: Plain	Coastal:Lower n 4/ : Pla	l •r=1	Coastal:		State
(pounds)	*Cotton:		Cottons	. Pea-	*Cotton*	Pea-	*Cotton-	Pea-	Cottons	Pea-	Cottoni	Pea-
	seed	: nuts	s seed	s nuts	: seed	: nuts	seed	: nuts :	seed	nuts :	seed :	nuts
	1	1 1	1	i I	1	1	Percent -	1	1	1	1	ı J
	ص ما	4	20	0	ю	0	വ	*	2	0	ro.	-
	\$ 20	13	25	*	40	0	27	-	16	0	26	4
	12 8	15	18	23	42	~3	35	83	38	0	31	വ
	s 18	15	28	100	တ	7	23	4	16	ť	21	ဟ
80- 99	15	13	17	വ	ည	10	ω	വ	Ω	10	10	7
100-119	12	11		11	0	13	83	ဖ	14	13	4	œ
120-139	9	2	-	17	-	16	*	ω	103	ເລ	~	6
140-159	22	4	39	11		16	*	တ	ю	11	r=4	တ
160-179	 	41		ග		10	*	∞		11	*	ω
180-199	0	100		œ		7	0	တ		83	0	7
200-219	*	. 67		5		4	*	σ		£4	4	a
220-239	*	i es		2			•			ာထ	ŧ	၀ ဖ
240-259	••	. 22		4		82		7		11		ο დ
260-279	••	î eri		co		-1		2		100		4
280-299	00 (	-		10		П		4		ಣ		83
300-319		*	-	8		•		4		Ľ	ς	ĸ
320-339	••	*		*		i		(1)		0		o 60
340-359	••	*		*		-		€2		ເລ	;	) <sub>F</sub> =1
360-379	••	*		*		0		ત્ર		<b>83</b>		Н
380-399	•• •	*		0				Н		10		! <b>;</b> 1
400 and over:				*		,es		41			,	Н
Total	1000	100	100	100	100	100	100	100	100	100	100	100
Number of farms	$\mathbf{I}_{j^{\prime}}$		1						1			 
in sample:	893		299		182	N N	2,643	. 23	37		4,054	54
Sample counties.	108: 1/	Raldwin	n. Coweta	١.	McDuffia	Morean	and hal	304	/n Game	1/2 5		

Sample counties: 1/ Baldwin, Coweta, McDuffie, Morgan, and Talbot. 2/Grawferd. 3/ Sumter. 4/ Bulloch, Burke, Coffee, Colquitt, Early, Laurens, Lowndes, Toombs, Wilcox, and Worth. 5/ Pierce.

\* Less than 5 tenths of 1 percent. Southern Division, AAA October 22, 1943

Table 18.- Comparative data on oil yields per acre from cottonseed and peanuts.

	Number	<b>3</b> 4	ield per	Yield per acre, 1942	342	: oil yield	oil yield:producing more oil	more oi
Parish and area	farms	Cotton		Compu	Computed oil outturn from	per acres:	per acre from	e from
	sample	lint :	reamuts.	Cotton-:	Peanuts	to to seed:		Peanuts
	1 Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
Marchal Dlade	266	164	304	47	91	194	18	82
A1100	200	218	590	62	177	285	0	100
7774	316	113	193	32	58	181	25	75
Dentabe	29	264	487	75	146	195	21	79
Sept as	168	179	420	51	126	247	17	80
Tribat	245	250	547	77	164	231	ιo.	95
Motor Market	143	183	243	52	73	140	36	64
Winn	89	172	453	49	130	265	01	06
middle Constel Plain	305	255	334	89	100	147	32	65
at Helene	107	231	337	52	101	194	25	75
Washington	198	261	333	02	100	143	40	09
Total	1.302	171	306	48	92	192	22	78

Southern Division, AAA November 9, 1943

Table 19.- Frequency distribution of farms by oil yields per acre from cottonseed and peanuts, by areas in Louisians, 1942

O-19 20-59 40-59 100-119 100-119 120-139 140-159 140-159 220-239 240-259 240-259 260-379 280-389 560-379 580-389 70tal		seed Peanuts	Cottonse		8	
0- 19 20- 59 40- 59 60- 79 80- 99 120-139 120-139 120-239 220-239 220-239 220-239 220-239 220-239 220-239 220-239 220-239 220-279		1		ed Peanuts	Cottonsee	d Peanut
20-39	00 00 00 00 00 00	C	P. P.	orcent -	1	
20-59	ON 00 00 00 00	0		9	10	4
#0-59	es es es es		20	14	22	10
60-79	60- 60- 66-		25	14	25	10
100-119			26	17	22	27
100-119			12	7	Ħ	13
120-139	•	O	-	30	ıc	a
140-159 160-179 180-199 180-199 220-239 240-259 260-279 280-299 280-299 280-39	•		. 00	10	) <sub>[</sub>	· «
160-179	140-159 8	9	N	7	1	) ¢¢
200-219	160-179 *	LQ:	0	· N		4
200-219	180-199	io.	0	ert	0	-41
220-239 240-259 280-279 280-299 280-299 350-319 520-339 340-569 380-599	200-219		-	*	1	
240-259 280-279 280-279 280-299 300-319 520-359 540-559 540-559 540-559 580-379 580-399 600 and over 7 otal 6 100 100 100 100	220-239	<b>).</b> 1881	1	F 63	•	. e
260-279 280-299 300-319 520-359 540-569 560-37	240-259	· 01.		N		· 64
\$80-299	260-279	-		-1		
\$00-319 \$20-359 \$40-569 \$60-379 \$80-599 \$100 100 100 100	280-299	rt		rt		-
\$20-559 \$40-569 \$80-579 \$80-599 \$100 100 100 100	500-519	1		-		-
\$40-\$59	520-559	*		) proj		1 11
\$80-599 ; * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	540-559	*		-		- 40
\$80-569 : * 0 0 100 100 100 100 100 100 100 100 1	560-579	*		0		4
Total 100 100 100 100 100 100 100 100 100	380-399	*		0		* *
Total : 100 100 100 100 100 100 100 100 000 0	400 and over			*		*
or farms in sample.		100	100	100	100	100
	a in sample.	200		1	"	

Sample parishes: 1/ Allen, Caddo, Rapides, Sabine, Union, Webster, and Winne. 2/ St. Helena and Washington.

Southern Division, AAA November 9, 1945

Table 20.- Comparative data on oil yields per acre from cottonseed and peanuts. selected Mississippi counties, 1942

	Number	<b>≱</b>	Yield per	acre,	1942	: Ratio of : oil yield	Percent producing	of farms more oil
County and area	farms	Cotton		Computed	Computed oil	per acres:	per acre	
	sample	: lint :	rearince.	Cotton-:	Peanuts	; to ; cottonseed	seed	: Peanuts
	Number	Pounds	Pound s	Pounds	Pounds	Percent	Percent	Percent
Brown Loams	1,211	277	315	. 80	94	118	48	<b>25</b>
Amite	\$ 270	566	297	. 94	88	117	48	22
Hinds	360	319	363	6	109	120	43	57
Holmes	185	259	233	74	20	95	59	4
Montgomery	181	270	307	77	92	119	47	22
Yalobusha	: 215	298	400		120	133	48	225
1		t t	9		80 F	100	C	C &
Sand-Clay Hills	\$ 617	6).2	545	12.	TOT	127	) t	2 1
Clarke	165	245	280	, 2	84	021	7.4	က က ်
Neshoba	\$ 307	298	377	85	113	133		65
Pontotoo	: 145	301	390	91	117	129	45	විධ
	žina.	.4	f			٠.		
Black Belt			et ,			1 1		C L
Lowndes	. 59	203	253	ည္တ	. 92	121	<b>4</b> 2	නු ැ ැ
1 on	•		ì	1		٠.	•	
Upper Coastal Flaid	. 227	291	450	88 88	135	153	35	65
Todagnica								
Widdle Coastal Plain	. 636	294	363	84	109	130	47	53
Cost noton	293	291	370	83	111	134	4	. 59
Greene	44	. 235	393	67	118	176		~ 75
Simpson	\$ 299	357	327	102	86	96		44
	. (	t	2		70.	000	, u	u u
Total	\$ 2,750	6).2	047	10	104	027	₩	3

Southern Division, AAA November 5, 1943

Table 21 -- Frequency distribution of farms by oil yield per acre from cottonseed and peanuts.

			XQ.	aroas	stw at	an assessible	1, 1942					
Ofl yield per acre	s Brows	Brown :	Sand-Clay Hills 2/	lay : 2/ :	Black	3	Upper Co	Coastal: Middle in 4/ Pla	1 4-1	Coastal:	State	0
(spunod)	*Cotton-*		otton-	Pea-1C	otton- seed	Pea-i(	Pea-:Cotton-:Pea-:Cotton-:Pea-:Cotton-: nuts: seed :nuts: seed :nuts: seed :	1	Pea-:Cotton-: nuts: seed :	Pea- nuts	Cotton-:	Peg-
	1	3	1	1		-Percent	nt-	1	•	1	1	1
0- 19		<b>ග</b>	c <sub>3</sub>	4	7	7	0	83	Н	7	إستم	7
20- 39	<b></b>	15	9	. 21	22	23	c <sub>3</sub>	10	7	14	. 4	14
40- 59	<b>\$</b> 18	12	14	11	25	14	14	9	13	6	16	10
60- 79	\$ 23	18	26	16	27	24	25	11	18	14	523	17
8099	8 23	O)	26	13	10	87	26	6	24	H	24	10
100-119	. 14	9	15	10	7	10	21	10	18	7	15	7
120-139	∞	10	7	1	03	7	7	12	10	11	00	11
140-159	<b>s</b>	7	ત્ય	7		63	-	O)	9	ω	4	7
160-179	r-1 ••	<b></b> 1	<b>~</b>	က		23	જ	വ	cv	63	-1	<b>19</b>
180-199	*	വ	r-l	41		8	-1	9	-	4	-1	4
200-219	* *	6.0	*	۲		N	-	8	*	60	*	0.
220-239	0	r-1	0	~		03		10		N	0	2 (2)
240-259	*	83	0	લ્ય				23			*	<i>c</i> 3
260-279	0 **	Н	*	H				ಣ		~	*	-
280-299	0	0		H				П		Н	0	*
300-319	· ·	H		-1				ro		N	0	N
320-339	0	*		0				0		*	0	*
340-359	0	*		0				0		0	က	*
360-379	0	*		-1				-		*	0	Н
380-399	0	0		0				0		*	0	*
400 and over	*	*		*				cs.		٦	æ	*
Total	100	100	100	100	100	100	100	100	100	100	100	100
Number of farms in samp	sample: 1,	1,211	617		59		227		636		2,750	ا این
Comple counties. 1/ An	Amite. Hinde	Holmae	Ι.	Mont comerce	y Puo	Valonisha	19. 2/	Glarka	Mochobo	on on	Donteton	

Sample counties: 1/Amite, Hinds, Holmes, Montgomery, and Yalobusha. 2/Clarke, Neshoba, and Pontctoc. 3/Lowndes. 4/Itawamba. 5/Covington, Greene, and Simpson.

Southern Division, AAA November 5, 1943

Table 22.- Comparative data on oil yields per acre from cottonseed and peanuts.

County and area   farms   Cotton   Fearuts   Sample   1   1   1   1   1   1   1   1   1	S * A	n ta	# per acres # peanuts # to #	Cotton   Perom   Per	Percent 95 95 96 96 96 96 96 96 96 96 96 96 96 96 96
Mumber 1560 261 169 202 208 208 208 179 165 179 2222 286 2222 286 286 286 286 286 286 2	0 0 0	da Lite	Peanuts : to : cottonseed; 398 424 419 359 359 359 359 359 550 550 503		Per of the part of
### Number   169   261   169   261   169   200			298 424 419 398 359 359 359 359 359 350 350 500		Per 99 99 99 99 99 99 99 99 99 99 99 99 99
## Number Pounds ## 560   192 ## 169   173 ## 169   175 ## 106   202 ## 1509   165 ## 209   165 ## 209   144 ## 209   144 ## 209   152 ## 268   153 ## 268   152 ## 258   158	· ·	Pounds 187 242 176 115 175 167 147 166 130	Percent 398 424 419 355 355 392 392 392 387 461 503 503	Percent 5 10 10 10 10 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Percent 2
# 560 192 # 261 255 # 169 173 # 106 202 # 509 162 # 209 165 # 209 166 # 179 156 # 179 133 # 54 144 # 286 153 # 268 152 # 376 148 # 376 148 # 376 148		187 242 176 115 173 167 166 186	55 55 55 55 55 55 55 55 55 55 55 55 55	ကသအန္တပ္ ပုပ္ပံု စည္းန	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
261 235 169 173 106 202 106 202 107 166 108 166 109		242 176 115 115 157 147 186 186	424 4124 355 355 355 461 500 500 500	<b>ゃちょこ</b> 0111 0844	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
169 173 106 202 106 202 106 202 106 202 106 202 107 165 108 165 108 166 108 166 108 166 108 168 108		176 115 173 167 147 186 171	419 888 898 898 758 758 758 758 758 758 758 758 758 75	840 011 084¢	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
24 152 106 202 106 202 106 202 106 202 106 165 107 166 107 158 108		115 173 165 167 166 130	888 889 889 889 789 769 869 869	40 000 on44	89 999 8999 80 000 47 84 8
106 202 1 509 162 2 300 165 2 1,599 140 1 179 133 1 179 133 2 286 152 2 286 153 2 286 153 2 286 153 3 76 144 5 222 129 7 7 254 7 7 254		173 155 157 147 166 130	353 392 387 387 503 503	0 000 ov 4 c	0 000 00000
# 509 162 # 200 165 # 209 156 # 1,599 140 # 165 144 # 179 133 # 286 133 # 286 133 # 268 152 # 376 148 # 376 148 # 77 234 # 77 234		155 157 147 166 130	392 382 587 520 503	000 00044	000 47 20 41 1
# 200 165 # 1,599 140 # 165 144 # 179 133 # 179 133 # 286 152 # 286 152 # 376 148 # 376 148 # 376 148 # 376 148		167 147 130 130	3892 3877 520 503 503	010 0 0 0 4 4	00 000000
1 209 156 1 1,599 140 202 97 1 165 144 1 179 133 2 286 133 2 286 152 2 286 152 2 286 152 2 286 152 2 288 152 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		147 166 130	587 461 520 503 503	ଠା ବନ୍ୟ	0 0 0 0 0 0 0
1,599 140 1,599 140 1,599 144 1,59 144 1,59 155 1,59 155 1,5		186	461 520 503 503	ଦ <i>ବ</i> ଧ ଏକ ଝ	400000
165 144 179 133 179 133 179 133 179 133 170 144 186 152 186 152 186 152 186 152 186 152 187 148 177 254 177 254		130	520 503 503	<b>१० ५</b> ८	700 00 0
165 144 179 133 179 133 179 133 144 144 154 155 156 152 156 152 177 234 177 234		186	503	4 6	96 9
179 133 18 54 144 18 286 133 18 268 152 18 268 152 18 309 152 18 376 148 17 234 17 234		וגו	503	8	400
# 54 144 # 286 153 # 268 155 # 156 218 # 309 152 # 222 129 # 77 234 # 77 234				>	20
286 153 268 152 136 218 8 309 152 8 376 148 77 234 8 77 148		159	454	4	90
268 152 136 218 509 152 576 148 77 234 77 234	34	117	344	10	06
156 218 509 152 376 148 77 234 77 148	39	172	441	9	94
\$ 509 152 \$ 376 148 \$ 77 254 \$ 77 148	53	158	260	10	08
222 129 77 234 77 148	28.	194	497	₩	96
222 129 1 77 254 1 77 148	38	143	376	<b>6</b>	16
s 77 234	50	137	415	10	90
er 8 77 148	909	161	268	φ	94
-	888	149	392	œ	26
Ozark-Ouachita : 450 152 352	60	106	272	10	06
\$ 210 136		98	280	01	90
in s 220 156		101	268	10	06
Bryan : 288 133 640	34	192	565	<b>80</b>	26
Total : 5,762 147 528	22	158	427	4	98

Table 23.- Frequency distribution of farms by oil yield per acre from cottonseed and peanuts.

011 yield i Pinins I, Frairies 2, Timbors 3, Frairies 4, 10 anolita 5, Frairies 4, 10 anolita 5, Frairies 6, 10 anolita 5, Frairies 7, Frairies 6, 10 anolita 5, Frairies 7, F		TTTOU	-				0	DA STO	•				-		
Seed		Dlatne	9-	Dweint	0		12	Due 4 mi a	1		K	Dlaine	6/	State	
1   1   1   2   2   2   4   2   2   2   2   4   2   2		of ton-	Pean!	74 P	1 Pag-1	otton	Pen-1	Cotton-	1 Pen-1	otton	Pen-s	Cotton	2 Pen-1	Cotton	Pea
19 1 13 3 21 2 26 4 22 2 24 0 20  122 5 28 9 26 9 11 9 10 10 100 100 100 100 100 100  11		seed	nuts		inuts:	seed	sunts:	seed	mts	seed	nuts	seed	snuts:	seed	purte
19 1 13	44	Ü		1		i i	1	-Peroe	at-	1	ì	1	ì		1
22     4     47     9     42     6     8     18     7     25     15     24     45     10     30     10     10     11     9     11     10     11     9     11     10     11     10     11     10     11     10     11     10 </td <td></td> <td>19</td> <td>н</td> <td>13</td> <td>63</td> <td>12</td> <td>63</td> <td>26</td> <td>4</td> <td>22</td> <td>8</td> <td>54</td> <td>0</td> <td>20</td> <td>63</td>		19	н	13	63	12	63	26	4	22	8	54	0	20	63
17   6   8   10   8   9   11   9   10   15   15   15   15   15   15   15		24	4	47	0	42	ı	35	8	39	œ	43	H	29	9
11		22	D	28	6	56	Φ	18	7	25	133	24	63	25	4
11 7 2 7 2 9 6 10 5 17 2 7 4  2 6 1 9 1 9 2 9 1 11 1 1 15 1 6 1  3 1 1 5 4 0 6 5 5 5 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		17	9	00	10	ω	O	H	O	10	18	9	မှ	10	O
2         6         1         9         1         11         1         10         8         1           1         8         +         7         +         9         1         11         +         10         8         1           1         5         +         7         +         8         1         7         6         9         1           5         4         7         +         6         5         5         2         4         11         +         11         +         11         +         11         +         11         +         11         +         11         +         11         +         11         +         11         +         4         11         +         4         11         +         4         11         +         4         4         4         4         4         11         +         4         11         +         4         11         +         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4		11	7	63	7	N	G	9	10	100	17	~	2	4	OS
2         6         1         8         1         11         *         10         8         1           1         5         4         7         *         8         1         7         6         9         *           1         7         4         *         7         4         11         *         9         4         11         *         9         *         4         11         *         6         9         *         4         11         *         9         4         11         *         9         *         4         11         *         6         *         9         *         4         *         11         6         *         4         *         9         *	100-119	80	ı	1	O	Н	0	C3	6	H	13	H	9	н	O)
1	120-139	~	9	-	œ ·	*	O	Н	11	*	10		ထ	H	O
1 5 6 * 7 6 * 7 5 4 11 * 11 * 1	140-159	-	00	*	7	*	00	-	7		9		တ	*	Φ
7       4       *       6       5       1       7       0         6       4       0       6       5       2       8       0         7       4       *       3       3       4       1       7       0         4       *       3       3       4       1       6       *       6       *         4       *       2       2       1       1       *       4       *       6       *         5       2       1       1       1       4       4       4       *       6       *       4       4       4       *       6       *       6       *       4 <td< td=""><td>160-179</td><td>-</td><td>ro</td><td></td><td>9</td><td>*</td><td>4</td><td></td><td>ເລ</td><td></td><td>4</td><td></td><td>H</td><td>*</td><td>9</td></td<>	160-179	-	ro		9	*	4		ເລ		4		H	*	9
5       4       0       6       6       5       1       7       0         4       4       5       3       3       4       1       6       *         4       2       2       1       1       6       *         4       2       2       1       6       *         4       2       1       1       6       *         2       1       1       1       *       1         2       1       1       1       *       1         8       3       3       3       2       1         8       5       3       3       2       1         8       5       3       2       1       1         8       5       5       2       1       1         8       5       5       2       1       1       1         8       5       5       2       1       1       1         8       5       5       2       1       1       1       1         8       5       5       5       5       1       1       1 <t< td=""><td>180-199</td><td></td><td>7</td><td></td><td>ঝ</td><td>*</td><td>9</td><td></td><td>נט</td><td></td><td>60</td><td></td><td>4</td><td>*</td><td>D</td></t<>	180-199		7		ঝ	*	9		נט		60		4	*	D
5     4     0     5     5     5     1     6     *       4     3     3     3     4     1     6     *       4     2     2     1     1     6     *       2     1     1     1     6     *       2     1     1     1     6     2       2     2     1     1     1     2       2     1     1     1     1     1       2     1     1     1     2     1       3     5     5     3     5     1       4     1     1     1     1     1       5     1     1     1     1     1       6     1     1     1     1     1       8     3     3     3     2     1       8     5     5     2     1     1     1       8     5     5     2     1     1     1       8     5     5     5     5     1     1	200-219		ເນ		4	0	9		Ŋ		~1		7	0	IO
7       4       3       3       4       1       6       *         4       2       2       2       1       6       *       4         2       1       1       1       6       8       2       2       2       2       2       2       2       2       2       2       2       2       2       2       2       1       1       1       4       4       1       3       2       1       3       2       1       1       3       3       3       3       3       2       1       3       3       3       3       5       6       1 <td>220-259</td> <td></td> <td>LO</td> <td></td> <td>4</td> <td>0</td> <td>ro</td> <td></td> <td>ro.</td> <td></td> <td>2</td> <td></td> <td>0</td> <td>0</td> <td>ro</td>	220-259		LO		4	0	ro		ro.		2		0	0	ro
3       3       3       4       1       6         4       2       2       1       1       4       4         2       1       1       1       0       6         2       2       1       1       1       2       2         2       2       1       1       1       4       2       1         2       1       1       1       4       1 <td< td=""><td>240-259</td><td></td><td>7</td><td></td><td>4</td><td>*</td><td>100</td><td></td><td>83</td><td></td><td>Н</td><td></td><td>9</td><td>*</td><td>4</td></td<>	240-259		7		4	*	100		83		Н		9	*	4
3       2       2       1       0       6         1       2       1       1       0       2         2       1       1       1       2       2         2       2       1       1       4       2         2       2       1       1       4       2         3       5       3       2       1       2         1       1       1       4       1       1         2       1       1       2       1       2         3       5       3       2       1       100       100       100         3       5       5       4       5       2       2       2       2         6       5       5       5       3       5       1       3       5       7       6       5       7       7       6       7       7       7       6       7       7       7       6       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7	260-279		4		80		io		41		H		69		4
3     2     1     0     6       4     2     1     1     2       2     1     1     1     2       2     2     1     1     2       2     1     1     0     1       2     1     1     4     1       8     3     3     2     1       8     3     3     2     1       8     3     3     2     1       8     3     3     3     3       8     3     3     3     3       8     3     3     3     3       8     5     3     3     3       8     5     3     3     3       8     5     3     3     3       8     5     3     3     3       8     5     3     3     3       8     5     3     3     3       8     5     3     3     3       9     10     10     10     10     10       9     1     5     1     10     10     10       9     1     1     1     1     1	280-299		4		O.		~		Н		*		4		63
3     4     2     1     1     1     2     2       3     2     1     1     1     2     2       3     3     2     1     1     1       4     1     1     1     1     1       5     1     1     1     2     1       6     1     1     1     2     1       7     1     1     1     2     2       8     5     3     2     1     2       9     1     5     5     3     5     7       10     10     10     10     10     10     10       10     1     1     4     5     7     2       10     1     1     1     1     1     1     1       10     1     1     1     1     1     1     1     1     1       10     1	300-319		10		03		63		Н		0		9		8
3         2         1         1         1         2         2           1         2         1         1         0         1         2         1         2         2         1         2         2         1         2         2         1         2         2         1         2         2         1         2	320-339		4		~		-		-1		0		es	~	8
2	340-359		2		-		řH.		7		*		63		-
	360-379		~2		~		-		Н		0		-		-
3	380-399		63		Ä		н		1		*		ř		H
100 100 100 100 100 100 100 100 100 100	400 and over :		ω		63		83		63		<b>H</b>		63		83
s 560 509 1,599 376 430 288	Total	99	100	100	100	100	100	100	100	100	100	100	100	100	100
s 560 509 1 <sub>2</sub> 599 376 430 288	unber of farms:	1	1	1	1	-	1	1	1	1	1	1	1	1	1
		260		203		200	669	376		430		288	~	8,2	29,

Logan, Love, Okruskee, Payne, and Seminole. 4/ 5/ Latimer and McCurtain. 6/ Bryan. \* Less than 5 tenths of 1 percent.

Southern Division, AAA October 15, 1945

Table 24.- Comparative data on oil yields per acre from cottonseed and peanuts. selected South Carolina counties, 1942

	Number	<b>≯</b> i	Yield per	per acre, 1942	2	: oil yield	yaeld sproducing more	more of
County and area	S	Cotton	•	Computed	d oil from	per acre;		e from
	sample	: lint:	reanuts:	Cotton- :		to to :	seed.	Peanuts
	: Number	Pounds	Pound s	Pounds	Pounds	Percent	Percent	Percent
Piedmont Plateau	93	310	443	06	128	142	25	75
Anderson	42	357	700	103	203	197	10.	06
Edgefield	51	294	₹ 355	85	103	121	37	. 63
	,	9						
Fall Line Sand Hills	. 529	219	512	63	152	241	14	86
Aiken	233	215	517	62	155	250	<b>\tilde{\</b>	92
Chesterfield	129	256	463	74	139	188	22	92
Lexington	167	232	503	67	146	218	91	84
		000		t	00	8	č	44
Middle Coastal Plain	1,19043	202	410	00	720	002	0.2	- L
Allendale	1 267	173	300	47	06	191	22	75
Barnwell	162	158	417	43	125	291	11	68
Clarendon	120	305	357	83	101	129	47	53
Horry	69	331	910	06	273	303	6	16
Lee	130	206	310	26	စ္	166	27	73
Marion	166	448	650	122	195	160	29	17
Lower Coastal Plain	77	218	367	20	106	180	43	57
Colleton	46	508	383	57	111	195	33	67
Dorchester	31	253	210	69	06	130	28	42
Total	1,742	215	437	09	130	217	21	42

Southern Division, AAA October 19, 1943

Table 25.- Frequency distribution of farms by oil yield per acre from cottonseed and peanuts, selected South Carolina Counties, 1942

				-1						-
,	Piec	Piedmont,		Line	* Middle	ပိ	Lower	0	40+0	4
Oil yield per acre	. Plateau	sau 1/	: Sand !		s Plain	in 3/	s Plain	a 4/ s		
(punod)	Cotton-Pea	Peanuts	*Cotton-	*Cotton- : Peanuts	:Cotton-	:Cotton-:Peanuts	*Cotton-	Peanuts	Cotton-	:Cotton-:Peanuts
			1		000		7000		1	۱
	1		1	1	187	Fercent	1	1		1 1
019	0	0	83	*	တ	<b>89</b>	4	<b>e</b> d.	2	03
20- 39	10	ന	16	4	25	12	18	20	80	Ø
40- 59	13	7	30	Φ	22	13	53	22	24	11
60 - 79	14	14	23	12	13	13	83	16	17	13
80-99	18	14	16	o,	12	10	11	ဖ	14	10
100-119	24	<b>6</b>	ဖ	10	10	6	വ	9	O	O
120-139	7	ત્ય	4	11	ro	Φ	ю	4	വ	Φ
140-159	11 :	တ		O.	<b>60</b>	ဖ	<b>-</b> 4	4	63	7
160-179	•• ••	တ	H	9	e-1	വ		<b>H</b>	H	ဗ
180-199	••	80	0	9	*	63		ဗ	*	4
9[2-002	•• •	12	*	ဖ	**	601		63	*	4
220 - 23		4	0	) 'LQ	0	<b>1</b> 20		10	0	<b>64</b>
240-259			÷	100	*	83		83	*	10
260-279	5 54	က	0	H		~		က	0	82
280-299	200	O	0	ю		r-t		ro.	0	<b>~</b>
500-319	m	0	0	N		-		ó	0	°r-t
320-339		0	*	· r-1		-		0	*	erd i
340-359	••	0		-		e-t		r-I		' <del></del> 1
360-379	••	-		#		eri -		0		·
380-399	•••			rl		*		0		<del>1</del>
400 and over				<b>N</b>		က်		Н		N
Total	100	100	100	100	100	100	100	100	100	100
Number of farms in sample:	93	   	22	529	1,043	043	77		1,742	42
Sample counties: 1/ Ander Barnwell, Clarendon, Horr	Anderson and Horry, Lee,	Anderson and Edgefield Horry, Lee, and Marion	eld. 2/	Aiken, C Colleton	heste and	rfield, and Dorchester.	Lexington	one 3/	llendale	9,8

\* Less than 5 tenths of l percent.

Southern Division, AAA October 20, 1943

Table 26 .- Comparative data on oil yields per acre from cottonseed and peanuts, selected Texas Counties, 1942

	s of farms	••			73	staron Jed preis:	TTO O TOWN	
County and area	t in sample	Cotton :	Peanuts	Cottonseed :	outturn from:	peanuts to	Cottonseed :	Peanuts
	Mumber	Pounds	Pounds	Pound s	Pounds	Percent	Percent	Percent
High Plains	289	222	602	20	181	362	Ó	92
Bailev	12	202	680	45	204	453	12	88
Dawson	80	220	377	49	113	231	16	84
Lamb	\$ 53	188	860	42	258	614	co	98
Lubbook	301	260	827	58	248	428	ú)	92
Rio Grande Plain	309	63	479	14	144	1,028	'cu	86
Atascosa	158	63	527	14	158	1,129	0	100
Duval	108	63	250	14	75	536	9	94
Starr	\$ 43	63	157	14	47	336	16	84
Edwards Plateau	295	3.03	503	23	151	656	Ŕ	98
Gillespie	. 63	81	443	. 13	133	739	ò	3 <b>6</b>
San Saba	232	116	640	9,7	162	623	Ċŝ	86
Rolling Plaina	829	161	454	<sup>ි</sup> වි	136	378	00	92
Callahan	203	121	262	27	119	441	•	94
Cottle.	\$ 50	202	437	45	131	291	13	87
Gerza	1002	. 255	570	57	171	300	<b>О</b>	91
Mitchell	150	130	393	58	118	407	<u>.</u>	ය ර
Stonewall	189	108	470	. 42	141	587	ю (	97
Wichita	\$ 33.	291	490	. 65	147	922	20 t	N 6
Wilbarger	122	314	210	20	153	219		QD QD
Cross Timbers	513	88	510	21	153	728	#4	66
Comanche	\$ 293	06	510	20	1,53	765	Ö	100
Jack	\$ 68	108	42.7	24	128	533	. 4	93
Wise	154	66	527	22	158	718	nì	80
Grand Prairie								1
Bosque	s 84	705	250	25	105	420	්	36
Coastal Plain	1,875	125	423	29	127	438	11	88
Anderson	\$ 298	108	293	24	88	367	13	87
Brazos	\$ 75	148	250	33	75	227	ಜ	80
Franklin	\$ 299	148	260	33	108	327	12	88
Gonzales	122	74	300	18	06	200	<b>6</b> ~ i	200
Grayson	\$ 299	159	747	39	224	574	Ö į	100
Harrison	270	112	213	255	64	256	22	. 79
Lamar	175	139	407	34	122	359		88 88 88
Montgomery	30	92	227	17	89	400	10	06
Nacogdoches	298	116	297	26	68	342	æό	<b>2</b> 00
	•							

Southern Division, AAA November 4, 1943

Table 27.- Frequency distribution of farms by oil yield per acre from cottonseed and peanuts.

by areas in Texas, 1942

	15 5 5 82 82 82 82 82 82 82 82 82 82 82 82 82	alan an and	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1004-19-8-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Cot-: Pea. ton-: Pea. 34 7 7 54 11 12 8 8 116 116 116 116 116 116 116 116 116	Cot-Pea- ton-inuts 30 6 49 12 19 13 2 13 4 10 7 7	Seed:	Pea-
15   2   8   4   4   8   8   4   1   1   1   1   1   1   1   1   1	s) "ton-" ton-" seed; "seed; "		1 4 4 4 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* seed: nut; 51 1 444 3 3 444 3 3 444 3 3 4 4 4 3 3 4 4 4 4 3 4	24 7 34 7 54 11 12 8 16 10 0 0 0 0 0	30 6 49 12 13 2 13 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	25 - 25 - 25 - 25 - 25 - 25 - 25 - 25 -	nuts
15 2 82 6 41 0 24 2 51 1 34 7 50 6 8 12 8 12 1 1 4 12 13 14 13 10 5 6 12 8 13 13 13 13 13 13 13 13 13 13 13 13 13		- 14 84 LI *	4 0 8 9 P P H *	1 4 0 * *	118 118 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 * * 0 1	. 25. . 55.	1
15 2 82 6 41 0 24 2 51 1 34 7 30 6 12 12 2 13 1 13 1 1 1 1 1 1 1 1 1 1 1 1	**************************************	14 8 11 *	40000 bu *		1		35 24 25	
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	100 100 100	0 100 100	100 100	100 100	100 100	100 100	100	100
TIBS:								١,
in sample : 289 309 295 829 515 84 1,875 4	289	295	829	515	84	1,875	4,196	ဖွ

\* Less than 5 tenths of 1 percent.

Southern Division, AAA November 4, 1943

Table 28.- Relative advantage of peanuts over cottonseed in per acre oil production, by areas in Texas, 1942

	Per	Percent of farms producing more than	arms pr	oducing	more	than	••	Percent of farms produc-	off.	Number
Area	times	times:	4 times	times	times	: 1		ing more oil per acre from	oil from	farms
	<b>र्व</b>	as much oi	much oil per acre from peanuts as from cottonseed	I per acre from from cottonseed	pean	ıts	Ö	: cottonseed than:	seed than:	02
	1 1	1	1	- Percent	nt -		1	1	1	Number
High Plains 1/	\$ 30	36	43	09	77	16		တ		289
Rio Grande Plain 2/	68	75	80	8 10	06	97	_	හ <sup>'</sup>		309
Edwards Plateau 3/	57	02	77	84	93	97		es		295
Rolling Plain 4/	. 56	34	45	61	78	94	er et e	9		829
Cross Timbers 5/	<b>.</b> 64	7.2	84	16	92	66	•	H		515
Grand Prairie 6/	. 26	37	46	64	77	. 93	<b>S</b>	7		84
Coastal Plain 7/	52	35	45	28	74	16	1	O		1,875
Total		44	22	64	79	93		<b>'</b>		4,196
Sample counties: 1/ Be	Bailey, Dawson, Lamb, and Lubbock.	wson, Lamb,	nb, and	Lubbock.	21	Atascos	a, Du	Atascosa, Duval, and Starr	Starr	

4/ Callahan, Cottle, Garza, Mitchell, Stonewall, 7/ Anderson, Brazos, Franklin, Grayson, Harrison, Gonzales, Lamar, Montgomery, and Nacogdoches. Wichita, and Wilbarger. 5/ Comanche, Jack, and Wise. 6/ Bosque. 3/ Gillespie and San Saba.

Southern Division, AAA November 3, 1943

Table 29 .- Frequency distribution of farms by ratio of peamut oil yield per acre to cottonseed oil yield per acre, by areas in Texas, 1942

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9	140-159	ko,	rt		*	<b>चा</b>		p=1		co :	וכא		1 04
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## ## ## ## ## ## ## ## ## ## ## ## ##	200-299	s 17	ro		O.	17		작	H	10	16		12
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	820-838	oo 0	-4 c		Q p-	le ex		2.0		1 61	1 60		1 8/3
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1	440-459	ου ••	<b>-</b> -1			F42 1		73		7	N (		3 1
19	460-479	e-1	<b>-</b> 1 1		NI -	<b>⊣</b> ¢		200		2 0			10
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59 ; 2 2 4 2 2 4 4 2 1 1 2 4 4 2 1 1 1 2 2 4 4 4 2 1 1 1 1	520-539	, ,-4	<b>≓</b>		90			10		-	602 1		N2 (
1	540-559	. 6/3	23		4	cv2		ri		4	H (		N 6
1	. 560-579		-4		~	r-f :		C\$ 1		edi (	N2 +		<b>-1</b> ,¢
15   8   9   11	580-599	ert.	<b>©3</b>		BQ.	H		el.		N			-1
over ; 50 68 57 26 64 26 26 st answer is 289 515 84 26 31 sample ; 289 509 515 84 51 Salley, Dawson, Lamb, and Lubbook. 4 Callahan, Cottle, Garza, Mitchell, 6 Bosque. 7 Anderson, Z Atasoosa, Duval, and Starr. 8 stonewall, Wichita, and Wilbarger. 7 Anderson.	500-599	£0	7		13	œ		CD.	-1		Co		00
s in sample; 289 509 295 829 515 84  1/ Bailey, Dawson, Lamb, and Lubbook, 4/ Callahan, Cottle, Garza, Mitchell, 6/ Bosque, Z/ Atasoosa, Duval, and Starr, 3/ Anderson, 3/ And			ď		24	98		54	- 63	9,0	28		36
s in sample; 289 509 295 829 515 84  1/ Bailey, Dawson, Lamb, and Lubbook, 4/ Callahan, Cottle, Garza, Mitchell, 6/ Bosque, Z/ Atasoosa, Duval, and Starr, Stonewall, Wichita, and Wilbarger, 7/ Anderson,	600 and over	2	3										
1/ Bailey, Dawson, Lamb, and Lubbook. 4/ Callahan, Cottle, Garza, Mitchell, 6/ Bosque. 7/ Anderson, Atascosa, Duval, and Starr.	iber of farms in sample	8 289	209		395	829	iG)	15		4	1,875		4,196
Z/ Atasoosa, Duval, and Starr.	1	Dawson, Lamb, and	Lubbook.	7	1.	Cottle, Garze	. Mitchell						
Annual Contract Contr	ks	a, Duval, and Star	H.			l, Wichita, and	Wilberger				S, Frankl	in, Grayso	ne Hai

\* Loss than 5 tenths of one percent.

Southern Division, AAA November 3, 1943



Table 50.- Comparative data on meal ydelds per acre from cottonseed and peanuts.

by areas, Southern Region, 1942

	Number	Ā	Yield per	acre, 1942		Ratio of s	o of s Percent of farms	of farms
	g		-	Computed	meal	per acres	per aore	from
Number and name of area 1/	farms	Cottonipagnit	Doomste	outturn	from	peanuts :	Cotton-	
	sample	lint :		Cotton- :	Peanuts	to to seed:		Peanuts
	. Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
1. High Plains	289	222	602	154	301	195	18	82
S. Rio Grande Plain	309	63	479	4	240	545	11	89
4. Edwards Plateau	295	103	503	77	252	355	7	93
5. Rolling Plains	1,390	184	619	134	290	216	20	80
6. Oklahoma Central Prairies		162	511	127	256	202	22	78
8. East Oklahoma Prairies	382	148	477	123	238	193	23	22
9. Cross Timbers	, 2,114	133	547	105	274	261	14	98
10. Grand Prairie	8.4	102	250	78	175	224	19	81
	\$ 3,623	144	537	109	268	246	30	20
	1,117	160	370	134	185	138	31	69
17. Brown Loams	1,212	277	315	208	135	65	76	24
18. Sand-Clay Hills	\$ 704	276	341	503	147	20	72	28
	\$ 555	187	236	142	101	な	99	34
	979	267	383	192	165	86	67	33
	300	311	710	216	305	141	92	74
22. Sand Mountain	\$ 597	490	846	341	364	107	52	48
25. Appelachian Highlands	133	250	305	174	121	75	68	32
io,	1,605	251	355	185	153	83	65	ಚಿ
į,	\$ 711	187	520	144	224	156	35	65
	299	229	577	165	248	150	23	77
28. Middle Coastal Plain	6,259	192	662	142	285	201	27	73
	114	223	446	168	192	114	51	49
51. Rolling Sandy Lands and	•					1	,	1
Flatwoods	133	153	431	113	185	164	56	74
Southern Region	,25,715	188	584	141	269	181	36	64
			0 000 0 000 0					

1/ Numbers correspond with area numbers on map in this report.

Southern Division, AAA November 17, 1945

Table 31.- Comparative data on meal yields per acre from cottonseed and peanute.
by States, Southern Region, 1942

	Number	Ä.	Yield per	per acre, 1942	342	R R	: Ratio of : Percent of farms	: Per	Percent	of fa	farms ore meal
State	f farms		••	Compu	Computed meal	ŭ .	per acress	2	per acre	e from	H
	sample	Corton:Peanuts:	Peanuts :	Cotton-:	tton-: Peanuts		<pre>peanuts :</pre>	;	Cotton-	# Pee	Peanuts
	. Number	Pounds	Pounds Pounds	Pounds	Pounds	P	Percent	Ι.	Percent	Per	Percent
Alabama	: 3,873	179	593	130	255		196		47		53
Arkensas	1 1,150	188	396	158	198	**	125		80 00	: ".,	62
Florida	876	151	-535	112	.230		205		12		82
Georgia	\$ 4°054	203	637	147	274	2.19	186				75
Louisiana	1 1,302	171	306	132	153	1 1 2 2	116		- <del>1</del>	~	59
Mesissippi	: : 2,751	279	347	211	149		7.1		76		24
Oklahoma	3 3,769	147	528	120	264		220		20		80
South Carolina	1,742	212	43.7	169	188		111	. 1.	21	1.	49
Texas	4,196	105	469	74	234		316		19		81
Southern Region	:23,713	188	584	141	269		191		36		64

Southern Division, AAA November 17, 1943

Table 32. Frequency distribution of farms by meal yields per acre from cottonseed and peanuts.

						۵	by Sta	States	Southern	ern F	Regions	1942								-
S S S S S S S S S S S S S S S S S S S	Alabama	ame :	Arkansas	88.8	Florida	ida ;	Georgia		Louis	iana	Louisiana Mississippi Oklahoma	sai ppi	Okla	,	South	-	Texas	18.83 1	Southern: Region	on
	Cot-:	Pea-	:Cot-: Pea.:Cot-: Pea.:ton-: nuts	Pea-	a Cot-: Pea-its:	oa	Pea : Cot -: Pea : Cot -: Pea -: ints : ton -: muts : seed: muts : seed: muts	Peanuts	:ton-: mts	Pea-	: Cot-	Pea-	:Cot-:Pea-: :ton-:mts	Pea-	Got-Pea-s ton-smts	Pea-	Cot-1 ton-1 seed:	Pea- nuts	:Cot-:Pea- :ton-:mts	Pea-
	1	1	1		1		•	1		-Percent-	出		1	1	ì	1	8	1	ı	8
0- 49	O	13	9	4	16	4	41	4	O	12	-	18	14	41	9	0	27	ω.	Ħ	တ
50- 89	19	17	20	18	33	ω	22	O	23	15	9	24	28	12	17	50	37	15	24	12
100-149	13	14	56	1.5	24	12	59	12	23	25	14	19	53	14	21	18	22	14	23	15
150-199	17	13	23	17	17	16	24	14	23	17	22	15	12	13	17	15	ထ	14	17	14
200-249	13	10	14	16	9	16	12	15	12	ω	25	ග	7	12	14	Ħ	10	12	7	12
250-299	O)	80	7	1	io	11	φ	13	2	O	17	ဖ	4	10	10	80	63	91	7	10
300-349	9	7	ю	7	-	10	ત્ય	H	23	w	တ	w	63	ထ	7	4	Н	ထ	41	Φ
\$50-399	4	9	H	50	*	ω	Н	æ	, <b>-</b> -	4	4	03	-	7	4	781	*	D.	જો .	က
400-449	03	4	*	10	*	7	*	D.	*	cs.	N	<b>63</b>	*	ro.	10	10	*	ည	r-l	4
450-499	-	10	*	જ	0	ည	*	80	*	<del>स्त</del> ,	*	*	*.	41	~1	rit	*	rò.	*	10
500-549	H	. 63	*	10	*	03	*	03	*	Н	*	*	*	5/3	*	m		63	*	cs .
550-599		Н		Н	*	Н	*	H		*	*	*		ભ	*	r-1 (		rd, 4		Н г
800-649	,	H		*	0	*	1	1 10		*	*	* (		~ ,	*	-l :		-1 e		·
650-699	-	*		*	*	*		H		*	*	0		- 1	*	-1		-1		* •
700-749		*		*		*		*		*	*	*	**	<b>⊣</b> .	*	*		#		*
750 and over		m		*		*	•	H		H	*			63	*	el .		H		H
Total	100	100 100		100	100	100	100	100	100	100	100	901	8	91	901	81	100	901	1000	901
Number of farms	3,873	173	1,150	20	876	8	4,054	54	1,0	1,302	2,751	.21	80	3,769	1,	1,742	4	4,196	23,713	713

\* Less than 5 tenths of 1 percent.

Southern Division, AAA November 10, 1943

Table 33.- Comparative data on meal ydelds per acre from cottonseed and peanuts, selected Alabama Counties, 1942

		••	4		211 24	smeal yield producing more meal	producing	more mea
County and area	farms in sample	Cotton: Peanuts	Peanuts:	Comput cotton-:	Computed meal outturn from tton-: Peanuts	per acre, peanute; to to tonseed;	Cotton : Pean	e from : Peanuts
	* Number	Pound s	Pounds	Pounds	Pound s	Percent	Percent	Percent
Limestone Basin Limestone	300	311	710	216	305	141	26	74
Inner Coastal Plain	752	249	833	173	143	80	67	85 85
Elmore	251	208	303	143	130	<b>6</b>	20 20 30 40	3 단
Franklin	\$ 206	334	437	232	188	81	67	83
Lamar	\$ 295	295	333	202	143	70	75	25
Sand Mountain	\$ 597	490	846	341	364	107	27	49
Cullman	\$ 299	497	1,023	346	440	127	30	70
DeKalb	\$ 298	481	597	335	257	7.4	74	92
Appalachian Highlands	133	250	305	174	131	75	69	31
Calhoun	\$ 74	268	313	187	135	72	69	31
Shelby	8 28	217	290	151	125	83	68	32
Piedmont Plateau	\$ 619	227	283	163	122	75	99	34
Lee	\$ 350	125	190	06	82	91	58	42
Randolph	\$ 269	254	307	182	132	73	7	29
Black Belt	<b>\$</b> 496	178	227	135	98	73	77	29
Hale	\$ 254	231	190	176	82	47	84	16
Lowndes	\$ 242	149	247	113	106	94	48	52
Sand-Clay Hills								
Clarke	8 . 87	138	240	105	103	86	26	4
Middle Coastal Plain	889	148	682	113	293	259	£	83
Coffee	\$ 293	156	821	119	353	297	· •2	86
Conecuh	\$ 296	167	210	127	219	172	54	76
Henry	\$ 300	138	624	105	268	255	<b>N</b>	86
Total	5.873	179	202	081	e c	. 00 6		C

Southern Division, AAA October 19, 1943

Table 34.- Frequency distribution of farms by meal yield per acre from cottonseed and peamits.

by areas in Alabama, 1942

	. Lime	Limestone	* Upper	er.	Sand		ppala	Appalachian, Piedmont	Piedm	ont :	Black		:Sand-Clay:	lays	Middle	9		
Meal yield per acre	<b>8</b>	Basin 1/	Coastal		Mountain 3/		Highland 4/	land :	Plateau 5/	eau :			Hills 7/	80	Coastal Plain 8	5al :	State	te
(spunod)	Cot-:		Pea-:Cot-:Pea-:Cot-: nuts:ton-:nuts:ton-: :seed: :seed:	Pea-: Cot nuts: ton	ston-rea-	Pea-	Cot-: ton-: seed:	Pea- nuts	:Cot-:Pea-: :ton-:nuts:	Pea-	Cot- ton-	Pea- t nuts:	:Cot-:Pea-: :ton-:Pea-: s:seed:nuts:	ea-; nts;	:Cot-:Pea-: :ton-:Pea-:	Pea-10 nuts	:Cot-: :ton-:	: Cot-: Pea- : ton-: nuts
	1	,		1	1	1	1	1	- Percent	ent			1	í.	1	1	1	4
0- 49	0	0	N	16	0	*	22	19	13	28	14	32	22	30	17	-1 -1	0	13
50- 99	<b>82</b>	0	13	24	*	03	11	27	32	31	27	36	36	31	20	4	19	17
100-149	* 16	ιΩ	18	22	H	o,	30	20	22	19	22	14	21	15	56	11	13	14
150-199	\$ 27	20.	22	15	9	12	23	0	16	10	14	ထ	12	18	16	13	17	13
200-249	£ 24	16	24	œ	O	10	20	14	<b>ω</b>	4	10	မှ	62	63	ω	15	13	10
250-299	\$ 50	O	Ţ	ဖ	19	12	6	4	9	N	9	63	100 1	Н	63	14	တ	ω
300-349	60	16	9	4	22	12	22	4	82	82	4	Н	63	ಣ	إش	13	ဗ	2
350-399	2	11	10	લ	17	တ	-	<b>~</b>	H	<b>~</b>	ત્ય	p=1		0	#	53	41	9
400-449		10	m	~	13	ထ	<b>-</b>	H	*	*	H	*		0	*	တ	<b>N</b>	41
450-499	***	7	*	-1	7	0	0			*	*			0		63	H	<b>10</b>
500-549	** **	4		*	ဖွ	ເລ	,0			*	*			rt	*	н	·	.es
550-599		83		*		C3	0							,		<b>Q</b>		p=1, 1
679-009	40			*		~	<b>-</b>							,	٠	H		perf :
669-059	96	`		*		23	4									* (		<b>₩</b>
700-749	e e			*		N	~ <u>~</u>									၁		*
750 and over				*	-	10	,									*		<b>e-1</b>
Total	1000	100	100	100	100	100	100	100	100	100	100	100	100	1000	100	100	100	100
Number of farms:	1	300		752	597	1	133	. 12	1 61	619	496	9	87		889	,	5,873	73
Sample counties: 1/5/ Lee and Randolph.	lolph.	Limestone.	estone. Hale and	No.	Elmore,	Fra 7	lin	al la	Coffee		Cullman Conecuh,	and and	DeKalb. Henry.	4	Call	Calhoun	and S	Shelby

\* Less than 5 tenths of 1 percent.

Southern Division, AAA

October 29, 1943

Table 35.- Comparative data on meal yields per acre from cottonseed and peanuts. selected Arkansas Counties, 1942

	Number	A .	Yield per	acre,	1942	: Ratio of : Percent of farms : meal yield:producing more meal	Percent producing	of farms more meal
County and area	farms in sample	Cotton:	Cotton:Peanuts:	Computed outturn Cotton- :P.	ced meal n from Peanuts	per acre, peanuts ; to to ; cottonseed;	Cotton :	: Peanuts
	: Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
Ozark-Ouachita Highlands	\$ 687	184	427	155	214	138	30	70
Faulkner	162	226	537	190	268	141	17	83
Garland	. 62 .	137	330	115	165	143	48	52
Izard	. 40	256	290	215	195	16	. 29	. 33
Logan	\$ 209	150	363	126	182	144	33	67
Montgomery	69 :	130	507	109	254	253	17	83
Searcy	\$ 40	130	433	109	216	198	32	89
Sebastian	. 67	140	437	118	218	185	21	79
Sharp	35	294	487	247	244	66	63	37
Stone	36	174	413	146	902	141	31	69
Coastal Plains	<b>.</b> 463	191	367	161	184	114	49	21
Columbia	121	208	393	175	196	112	20	20
Little River	52	137	307	115	154	134	38	62
Miller	\$ 57	185	337	156	168	108	56	44
Ouachita	89	198	337	167	168	101	55	45
Union	144	212	437	178	218	122	45	55
Total	1,150	188	396	158	198	125	38	29

Southern Division, AAA September 14, 1943

Table 56.- Frequency distribution of farms by meal yield per acre from cottonseed and peanuts, by areas in Arkansas, 1942

State Stronsbed:Peanuts	3 3 8 8	6	20 18	26 15	23 17	14 16	7 11	3 7	1	*	*	<b>*</b>	Н	*	*	*	86	100 100	1,150	Searcy, Sebastian,
Coastal Plains 2/;	Percent	3	15 19	30 15	24 18	17 17	7 8	വ	2	*	н	Q	r-1	*	٠		*	100 100	463	Garland, Izard, Logan, Montgomery, Searcy, Stone. Stone. Little River, Miller, Ouachita, and Union.
Ozark-Ouachita: Coastal Plains 2/; State Highlands 1/; Cottonseed:Peanuts:Cottonseed:Peanuts	8 8 8	8	23 17	24 14	22 18	13 16	7 13	8	23	4	#	₩ **	*	٣	*	*	*	100 100	789	שי נ
Meal yield per acre (pounds)	••	0- 49	. 50- 99	100-149	150-199	200-249	250-299	300-349	350-399	400-449	450-499	500-549	550-599	600-649	650-699	700–749	750 and over	Total	Number of farms in sample:	Sample counties: 1/ Faulkmer, Sharp, an 2/ Columbia,

\* Less than 5 tenths of 1 percent.

Southern Division, AAA September 17, 1943

Table 37.- Comparative data on meal yields per acre from cottonseed and peanuts, selected Florida Counties, 1942

	Number	X.	ield per	Yield per acre, 1942	42	Ratio of : Percent of farms smeal yield producing more meal	: Percent of farms liproducing more me	of farms more meal
County and area	farms	Cotton:	oo oo	Comput	Computed meal outturn from	: per acre;	per acre from	from
	sample	: lint :	reanuts	Cotton-:	Peanuts	to ; cottonseed;		Peanuts
	Number	Pound s	Pounds	Pounds	Pound s	Percent	Percent	Percent
Middle Coastal Plain-		150	569	111	245	221	10	06
Jackson	300	149	557	110	240	218	2	93
Leon	143	- 16	321	. 29	138	206	24	92
Santa Rosa	300	185	803	137	345	252	9	94
Rolling Sandy Lands : and Flatwoods : Suwannee	133	153	431	113	185	164	98	74
Total	8 876	151	535	112	230	202	15	ထ
		-	-					

Southern Division, AAA October 16, 1943

Table 38.- Frequency distribution of farms by meal yield per aore from cottonseed and peanuts, selected Florida Counties, 1942

Meal yield per acre	Plain 1/		skolling Sanay	twoods 2/ :	state	te
(spunod)	Cottonseed Peanuts Cottonseed Peanuts	Peanuts	ottonseed		Cottonseed:	Peanuts
	1 1	1. 1	Pe	-Percent-	1	1
0- 49	16	<b>89</b>	14	ω	16	4
50- 99	\$ 53	7	34	14	83	ω
100-149	23	11	30	50	24	12
150-199	18	15	13	21	17	16
200-249.	9	16	63	19	9	16
250-299	80	11	4	LC.	80	<u>-</u>
300-349		1:	10	. 4	) <b>,-</b>	10
350-399	*	) တ 	l ed	<u>.</u> ما ا	l #	<b>ω</b>
400-449	*	œ		·	*	2
450-499	0	က		. ~	0	വ
500-549	*	N		0	*	<b>~</b>
550-599	*	<b>-</b> -1		e-d	*	-
600-649	0	*			0	*
650-699	*	*			*	*
700-749	<b>eo</b> (	<del></del> 1				*
750 and over	.,	*				*
Total	1000	100	100	100	100	100
Number of farms in sample	143		133		876	

Semple counties: 1/ Jackson, Leon, and Santa Rosa. 2/ Suwannee.

\* Less than 5 tenths of 1 percent.

Southern Division, AAA October 2, 1943

Table 39. Comparative data on meal yields per acre from cottonseed and peanuts. selected Georgia Counties, 1942

	Number	¥	Yield per	acres	1942	: Ratio of : meal yield:	o of : Percent of farms	of farms more meal
County and area	farms	. Cotton.		Computed	ed meal	per acre,		e from
	in sample	: lint :	Peanuts :	Cotton- seed		ਰ	Cotton- seed	Peanuts:
	. Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
Piedmont Plateau	893	245	347	182	149	82	99	34
Baldwin	173	218	320	162	138	85	99	34
Coweta	120	276	463	205	199	97	58	42
McDuffie	1 23	214	327	159	141	87	70	30
Morgan	102	352	333	261	143	55	86	14
Talbot	\$ 276	149	283	110	122	111	48	52
Fall Line Sand Hills Crawford	182	163	523	121	225	186	12	89
Coastal Plain - Red Belt Sumter	66 80 80 80 80 80 80 80 80 80 80 80 80 80	229	577	165	248	150	23	17
Widdle Coastal Plain	2,643	193	680	139	292	210	12	88
Bulloch	193	183	006	132	387	298	€ 63	86
Burke	\$ 249	239	202	172 *	218	127	39	61
Coffee	: 301	168	743	121	319	264	LO LO	95
Colquitt	\$ 295	217	653	156	281	180	15	82
Early	1 301	187	757	135	326	241	4	96
Laurens	\$ 297	506	573	148	246	166	2 <mark>5</mark>	78
Lowndes	\$ 252	198	710	142	305	215	14	9 6
Toombs	961 8	168	813	121	350	682		95 5
Wilcox	259	172	583	124	251	202	H	68
Worth	300	187	687	135	292	219	വ	
Lower Coastal Plain Pierce	37	236	653	170	281	165	19	81
Tota1	: 4,054	203	637	147	274	186	25	75

Southern Division, AAA October 30, 1943

Table 40.- Frequency distribution of meal yields per acre from cottonseed and peanuts, by areas in Georgia, 1942

Meal yield	: Plateau	Piedmont	: Fall Lin	8	:Coastal Fl		Plain: Middle C	Coasta	Coastal:Lower C	Coastal	State	
per acre (pounds)	Cotton:	Pea-	Cotton:	ts t	100	E P	Cot	. 1	: Seed		:Cotton:	Pea-
	1	-	1			- Per	ent -	1				
0- 49	4	13	83	0	63	*	ເລ	-	വ	0	4	4
50- 99	18	27	34	ည	21	4	23	4	16	10	22	O
100-149	19	23	42	17	20	တ	31	$\infty$	. 35	11	29	12
150-199	19	14	15	26	24	24	26	12	14	19	24	14
200-249	15	10	4	25	10	18	11	15	디	21	12	15
250-299	** **	ભ	ત્ય	12	근	8	103	16	1.4	ເນ	9	13
300-349	00	4	<b>,</b>	9	<b>~</b>	11	٦	14	0	74	. ~	H
350-399	63	~		8	-	o	*	10	വ	ω	: <del>-</del> -	σ
400-449	r-l	e-1		2		4	*	7		ω	*	ľ
450-499	*	ref		ਜ		ᅼ	*	ໝ		ю	*	23
500-549	*	*	,	Н		<b>-</b> -i	*	63		ro	<b>*</b>	03
550-599	*	*		-		*		82		ಣ	*	<u></u> 1
600-649	100	0		0		۳H		-				<b>=</b>
650-699		0		-				·				-
700-749	de 1	*		0		,		0				*
750 and over				ੇ <b>ਜ</b>			,	Н				Ţ
Total	1000	100	100	100	100	100	100	100	100	100	100	100
Number of farms in sample	88	893	182	! 	299	66	2,643	54	37		4,054	54
Sample counties:	ies: 1/	/ Baldwin,	in, Coweta	1 -	McDuffie, M	Morgan,	and Talbot	1.	2/ Crawford.	rd.	3/ Sumter	

4/ Bulloch, Burke, Coffee, Colquitt, Early, Laurens, Lowndes, Toombs, Wilcox, and Worth. 5/ Pierce.

\* Less than 5 tenths of 1 percent.

Southern Division, AAA November 1, 1943

Table 41.- Comparative data on meal yields per acre from cottonseed and peanuts. selected Louisiana parishes, 1942

area i farms : Cotton: Peanuts: Computed meal : Sample : lint : Seed : S			7470	7000		- 1			
area         : farms in pearus; cotton; pearuts; cottonseed; in the int int; seed; cottonseed; seed;		Number	p-I	ield per	acre, 19	142	Ratio of meal yield	: Percent :producing	of farms more meal
Sample   Ilnt   Seed	Parish and area	farms	Cotton	Doornate of	Comput	ed meal		per	e from
Number   Pounds   Pounds   Pounds   Percent   Percent     1   997   164   304   128   152   119   36     28   218   590   171   295   173   18     28   264   487   207   244   118   41     245   250   547   196   274   140   25     245   250   547   196   274   140   25     245   250   547   196   274   140   25     1   Plain   305   255   334   189   167   88   57     3   107   231   337   171   168   98   43     3   1   198   261   333   193   165   86   65     4   3   4   4   4   4   4   4     4   4   4		sample	: lint :			1	to to cottonseed	1	
lain     ;     997     164     304     128     152     119     36       a     ;     28     218     590     171     295     173     18       a     ;     316     115     193     88     96     109     36       b     ;     29     264     487     207     244     118     41       a     168     179     420     140     210     150     34       b     168     274     118     41       a     245     245     143     122     85     65       b     68     172     453     155     216     160     31       a     167     251     537     171     168     98     43       Helena     8     261     353     195     166     86     65       Ington     1     306     132     153     116     41		Number		Pounds	Pounds	Pounds	Percent	Percent	Percent
1	astal Plain	1 997	164	304	128	152	119	. 36	64
s         516         115         195         88         96         109         36           s         29         207         244         118         41           s         168         179         420         140         210         150         34           s         168         275         140         274         140         25         34           s         143         122         85         63         31           s         168         172         453         155         216         160         31           s         107         255         534         189         167         88         57           s         198         261         353         171         168         98         43           s         198         261         353         193         166         86         65           s         1,502         171         306         152         153         116         41	Allen	288	218	290	171	295	173	18	82
2         2         2         4	Caddo	\$ 316	113	193	88	96	109	36	64
1         1         4         1         24         1         1         24         14         25         24         14         25         24         14         25         34         34         35	Rapides	\$ 29	264	487	207	244	118	41	59
245     250     547     196     274     140     25       143     183     243     143     122     85     63       168     172     453     155     216     160     31       168     255     354     189     167     88     57       198     261     357     171     168     98     43       198     261     353     193     166     86     65       198     1,502     171     306     152     153     116     41	Sabine	168	179	420	140	210	150	34	99
143     183     243     143     122     85     65       18     172     453     135     216     160     31       18     107     255     334     189     167     88     57       107     231     357     171     168     98     43       198     261     353     193     166     86     65       100     306     152     153     116     41	Union	245	250	547	196	274	140	22	75
\$ 68         172         453         155         216         160         31           \$ 505         255         334         189         167         88         57           \$ 107         231         357         171         168         98         45           \$ 198         261         353         193         166         86         65           \$ 1,5302         171         306         152         153         116         41	Webster	143	183	243	143	122	85	63	57
\$ 505     255     334     189     167     88     57       \$ 107     231     337     171     168     98     43       \$ 198     261     353     193     166     86     65       \$ 1,5302     171     306     152     153     116     41	Winn	89	172	433	135	216	160	31	69
107     231     337     171     168     98     43       198     261     353     193     166     86     65       193     171     306     132     153     116     41	ddle Coastal Plain	305	255	334	189	167	88	57	43
*     198     261     353     193     166     86     65       *     1,502     171     306     132     153     116     41	St. Helena	107	231	337	171	168	86	43	57
* 1,302 171 306 132 153 116 41	Washington	198	261	333	193	166	98	65	35
	Total	1 1,302	171	306	132	153	116	41	59
		•9							

Southern Division, AAA November 10, 1943

Table 42.- Frequency distribution of farms by meal yields per acre from cottonseed and peanuts, by areas in Louisians, 1942

Meal yield per acre	Coastal	Plain 1/;	Middle Plai	Coastal n 2/	State	te
(spunod)	; Cottonsee	Cottonseed Peanuts		d'Peanut	Cotton sed Peanuts Cottonseed Peanuts	d. Peanuts
	1 1 1	8 8	- Per	Percent -	1 1	1 1
0- 49	. 11	11	63	14	6	12
50- 99	\$ 25	13	19	50	23	15
100-149	\$ 23	. 24	21	23	23	25
150-199	. 23	18	24	14	23	17
200-249	11 :	ω	17	တ	12	ထ
250-299		10	6	9	7	<b>o</b>
300-349	r-1 ••	9	4	4	83	ເນ
350-399	*	4	m	4	r	41
400-449	*	10	end	10	*	લ
450-499	*	Н	0	-	*	H
500-549		H	-	П	*	г
550-599	90	*		H		*
600-649	••	*		0		*
650-699	••	*		0		*
700-749		0		*		*
750 and over		ਜ		*		Н
Total	100	100	100	100	100	100
Number of farms in sample:	997	7.	305	55	1,302	020

Allen, Caddo, Sabine, Union, Webster, and Winn. St. Helena and Washington. Sample parishes:

\* Less than 5 tenths of 1 percent.

Southern Division, MA November 10, 1943

Table 43.- Comparative data on meal yields per acre from cottonseed and peanuts. selected Mississippi Counties, 1942

	Number	¥	Yield per	acre,	1942	: Ratio of meal yield	o of ; Percent of farms	f farms more meal
County and area	farms		••		ed meal	per acres	per acre	from
	sample	lint ; Peamts	Peamuts:	Cotton- seed	- 1 124	to toseed	Cotton-	Peanuts
	1 Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
Brown Loams	1,212	277	. 315	503	135	65	76	24
Amite	\$ 270	266	297	198	128	65	82.	22
Hinds	\$ 360	319	363	238	156	99	74	26
Holmes	185	259	233	193	100	52	84	16
Montgomery	182	270	307	201	132	99	73	27
Yalobusha	\$ 215	298	400	235	172	73	74	26
Sand-Clay Hills	617	279	343	211	147	70	75	25
Clarke	165	245	280	182	120	99	72	28
Neshoba .	\$ 307	298	377	222	162	73		23
Pontotoc	145	301	390	237	168	17	73	27
Black Belt	σ 	203	25. 5.75	22	60	72	99	4
whole fothers and				1		!		
Upper coascar rigin	1 227	291	450	229	194	82	67	ಜ
Widdle Coastal Plain	636	294	363	219	156	7.1	. 62	27
Covington	293	291	370	217	159	73	72	28
Greene	\$ 44	235	393	179	169	94	22	43
Simpson	\$ 299	357	327	566	141	22	90	01
Total	* 2,751	279	347	211	149	77	92	24

Southern Division, AAA November 9, 1943

Table 44.- Frequency distribution of farms by meal yields per acre from cottonseed and peanuts.

by areas in Mississippi, 1942

State	a	sputs	1	18	24	19	15	<b>O</b>	9	, rd		2 60	*	*	*	*	0	*		100	2,751
St	Cotto	seed:	1	H ,	ဖွ	14	22	25	17	0	4	· 01	*	*	*	*	*	*	*	100	22,
Coastal	1	: muts	1	20	19	19	17	10	r	4	ا در <u>ا</u>	2	*	*	. g	l ==1				100	
Coastal:Middle Coastal: n 4/ : Plain 5/ :	:Cotton-;	seed	1	H	9	11	16	22	18	12	2	£'0	r-1	*	*					100	636
Coastal:	ī	inuts :	1	10.	16	02	16	13	00	တ	100	ဟ	0	r <del>d</del>	0	-	. ,			100	
Upper Co	ic)	seed	Percent -	0	<b>&amp;</b>	12	23	27	22	O	03	r-1	<b>H</b>	rH						100	227
ick 5 3/	1-: Pea-	: nuts:	- Per	20	35	19	14	7	10	63										100	59
Black Belt 3,	Cottor	seed	1	2	19	29	25	10	ω	0	≈.	,								100	Ω.
lay : 2/ :	.Pea-:	: nuts:	1	14	22	24	17	တ	œ.	चं	, <b>-</b> -1	શ	*	įط	*	*			,	100	7
Sand-C Hills	Cotton-	seed	1	-	9	12	24	25.	18	ထ	<b>193</b>	; ;-1	<b>#</b>	H	0	0	0	0	*	100	617
IS I		nuts	1	20	25	18	14	တ	ဖ	រេ	1	<del>-</del> 4	*	H	*	*	0	*	b	100	2
Brown Loams	:Cotton=:	seed :	8 8	r-1	7	17	23	24	15	ග	4	<b>~</b> 3	*	*	*	*	*	0	*	100	1,212
1	••		••	••		- 199 	•		EH 40		••	••	••	00 00°	* ***	***	<i>j</i>			• ••	s eldun
Meal yield per acre	(spunod)			0- 49	50- 99	100-149	150-199	200-249	250-299	300-349	350-399	400-449	450-499	500-549	550-599	600-649	620-639	700-749	750 and over	Total	Number of farms in sample :
Meal y						H	-	N	N	3	83	4	4	Ú	S	9	9	2	750		Number of

Sample counties: 1/ Amite, Hinds, Holmes, Montgomery, and Yalobusha, 2/ Clarke, Neshoba, and Pontotoc.

Z/ Lowndes.

\* Less than 5 tenths of 1 percent.

Southern Division, AAA November 9, 1943

Table 45 cm Comparative data on meal ydelds per acre from cottonseed and peanuts, selected Oklahoma Counties, 1942

	8 Wilmhar		Vield per	acre.	1942	: Ratio of	Percent of farms	f farms
	*					meal yield producing more meal	producing	more meal
0	0	••		Comput	Computed meal	per acres:	per acre	from
county and area	Tar.mo	Cottons	:Cotton: pasmits!	outtor	outturn from	: peanuts :	Cotton-	
	9	lint:		Cotton-:	Peanuts	to :		
	* Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
Rolling Plains	1 561	192	622	151	311	206	16	84
Caddo	262	235	807	185	404	218	14	86
Greer	169	173	587	136	294	216	18	82
Harmon	24	132	383	104	192	185	ω	92
Jackson	106	202	242	159	288	181	21	79
Central Prairies	\$ 509	162	511	127	256	202	22	78
Gradv	300	165	523	130	262	202	22	78
McClain	500	156	490	123	245	199	22	78
arodute agorg	1.599	140	553	116	276	238	18	82
Carter	202	97	433	81	216	267	11	89
Hughes	166	144	620	120	310	258	11	89
Lincoln	178	133	570	110	285	259	13	87
Logan	\$ 54	144	530	113	265	235	22	78
Love	\$ 286	133	290	110	195	177	28	72
Okfuskee	\$ 268	152	573	126	286	227	14	98
Раупе	136	218	460	171	230	134	38	29
Seminole	\$ 309	152	647	126	324	257	13	87
Eastern Prairies	382	148	477	123	238	193	23	77
Muskogee	\$ 228	129	457	107	228	213	21	79
Tulsa	8 77	234	537	194	268	138	325	68
Wagoner	8 77	148	497	123	248	202	21	42
Ozark-Ouachita	<b>4</b> 30	152	352	126	176	140	33	67
Latimer	\$ 210	136	327	113	164	145	32	68
McCurtain	\$ 220	156	357	130	178	137	34	99
Coastal Plains	•• ••							
Bryan	288	133	640	110	320	291	∞	26
Total	\$ 3,769	147	528	120	264	220	20	80
And the state of t		,						

Southern Division, AAA October 15, 1943

Table 46.- Frequency distribution of farms by meal yields per acre from cottonseed and peanuts, by areas in Oklahoma, 1942

1	1	m I																				
t e	- Pea	sunts	1	4	12	14	13	12	10	ω	7	ເນ	4	51	9	3 60	) <del>-</del>		82	100	3,769	
State	otton	seed	1	14	28	29	15	2	4	8	-	*	*	4	÷					100	3,	
al :	Pea-	annes:	ì	0	ເດ	10	O)	12	16	ω	11	ω	Ø	4	- M	, e	ı <b>*</b>	Н	Н	100		
Coastal Plains 6	otton-	seed	1	14	3	31	12	4	83	23						*		,		100	288	
k-; ta 5/:	Pea-10	tun est	8'	4	19	26	22	13	2	4	~	~	<b>~</b>	C	<b>K</b>	*	<b></b> 1			100		
Ozark- Ouachita	otton-	seed	l l	16	28	28	16	ထ	£03	<b>-</b>										100	430	
rm :	Pea-:	annes	비남	7	13	12	13	13	<u></u>	7	7	4	ಣ	c	3 6	2 01	-	H	H	100	2	
: Eastern: Prairies	ot ton-	Seco	Percent	19	32	18	13	4	9	ಣ	0	Ļ	-1	*					,	100	382	
s 3/:	:Cotton=:Pea-:Cotton=:Pea-:Cotton=:Pea-:Cotton=:Pea-:Cotton-:Pea-:Cotton-:Pea-:Cotton-:Pea-	annes:	1	41	11	13	14	13	10	O	7	4	4	80	, e.	8 03		H	<b>N</b>	100	66	
Cross	otton-	ROCC	1	14	53	32	16	Ó	~	-	*	*	*	C	<b>*</b>	*				100	1,599	
al : es 2/:	1 Pea- :(	en nu:	1	9	14	13	13	#	o	2	7	Ω ·	4	85	) ev	ا د د	H	ed <sub>.</sub>	 №	100		
Central Prairies	otton-	2000	1	∞	27	39	15	9	ю	<b></b> 1	H	*	*						1	100	509	
ng :	Pea-1	HUUS	1	22	-	10	<b>∞</b>	10	<b>o</b>	10	7	10	9	4	( LC	63	~	Н	9	100	।   स	
Rolling Plains l	otton-	0000	1,	15	18	19	18	12	11	4	c <sub>3</sub>	-	*	C	*	•				100	561	
		*	••	••	••	••	••	•		••	••		••	•• •		•		00	Tev.	• ••	farms:	
Meal yield	(pounds)			0- 49	20- 99	100-149	150-199	200-249	250-299	300-349	350-399	400-449	450-499	500-549	550-599	600-649	650-699	700-749	750 and over	Total	Number of farms:	
Me	40					-	-	64	10	6.0	(C.)	4	4	u.	, us	9	9	-	750		Numb	

1/ Caddo, Greer, Harmon, and Jackson. 2/ Grady and McClain. 3/ Carter, Hughes, Lincoln, Logan, Love, Okfuskee, Payne, and Seminole. 4/ Muskogee, Tulsa, and Wagoner. 5/ Latimer and McCurtain. 6/ Bryan. Sample counties:

\* Less than 5 tenths of 1 percent.

Southern Division, AAA November 3, 1943

Table 47.- Comparative data on meal yields per acre from cottonseed and peanuts, selected South Carolina Counties, 1942

	Number	<b>X</b>	Yield per	acre, 1942	42	: Ratio of meal yields	o of : Percent of farms	of farms more meal
County and area	farms	*Cotton:	+		Computed meal outturn from	: per acre,	per acre	e from
	sample:	. lint .		Cotton- seed	. Peanuts	to tonseed		: Peanuts
	Number	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent
Piedmont Plateau	. 83	310	443	253	190	75	. 59	41
Anderson	* 42	357	700	291	301	103	40	09
Edgefield	<b>£</b> 51	294	355	240	153	64	75	25
Fall Line Sand Hills	529	219	515	179	220	123	43	22
	233	215	517	175	. 222	127	32	65
Chesterfield	129	256	463	209	199	92	55	45
Lexington	167	232	503	189	216	114	46	54
Middle Coastal Plain	1,043	202	412	155	177	114	220	48
Allendale	\$ 267	173	300	133	129	. 26	52	48
Barnwell	162 8	158	417	121	179	148	33	29
Clarendon	120	305	357	225	154	99	80	20
Horry	69	331	910	255	291	153	32	68
Lee	130	206	310	158	133	84	09	40
Marion	166	448	650	344	280	L8	02	30
Lower Coastal Plain	77 . *	218	367	168	158	94	99	34
Colleton	. 46	509	383	161	165	102	61	39
Dorchester	31	253	310	195	133	89	74	92
Total	1 1,742	215	437	169	188	111	21	49
								-

Southern Division, AAA October 30, 1943

Table 48. - Frequency distribution of farms by meal yield per acre from cottonseed and peanuts, by areas in South Carolina, 1942

Meal yield per acre	Pie Plat	Piedmont Plateau 1/	: Fall	l Line Hills 2/	: Middle	dle Coastal: Plain 3/	l: Lower Co	Lower Coastal Plain 4/	St	State
	: Seed :	Peanut:	C/S	: Cotton-: Peanuts: Cotton-: Peanut : seed : seed :	s:Cotton	Peanut	s:Cotton-:Peanuts	Peanuts	Cotton-	:Cotton-:Peanuts
		1	1	1	- Per	Percent -	1			1
0- 49	0	<b>~</b> 2	83	2	∞	11	, ເທ	16	9	<b>c</b>
20- 66	ω	13	14	16	20	22	13	33	17	20
100-149	11 1	23	24	1.7	21	18	42	17	21	0 00
150-199	14	11	24	19	14	14	27	တ	17	12
200-249	* 13	#	16	14	12	10	17	ω	14	H
250-299	18	11	10	10	10	y	ď	89	0	α
300-349	16	12	e L	1	7	o re	•	, S	2 -	<b>4</b> C
350-399	9	က	83	B	4	) 4	۱	. 4	٠ ٧	- 4
400-449	111	10	<b></b> 1	4	1 10	2	I e-l	4		H 160
450-499	63	0	-	r-d	: <del>г</del>	· 02	I,	10	) <del> </del>	) <del>[-1</del>
500-549	, ,	÷	c	-	•	c		<sup>1</sup>	4	r
550-599	f • ••	1	0	ا ج	F #	, , , , , , , , , , , , , , , , , , , ,		-I C	H 4	r-
600-649		v	*	l <b>*</b>	0	8 e		0	<del>: -</del> #	4
650-699	••		*	*	0	l <del>rel</del>		, ,	*	d e-
700-749	- 00 (		0	*	*	*	e	ŧ	*	1 <b>*</b>
750 and over	D 00 0		*	el	0	н			.₩	ri
Total	100	100	100	100	100	100	100	100	100	100
Number of farms in sample;	••	93	22	529	1,043	143	77		1,742	. 27

Sample counties: 1/ Anderson and Edgefield.

Z/ Aiken, Chesterfield, and Lexington.

3/ Aliendale, Barnwell, Clarendon, Forry, Lee, and Marion. 4/ Colleton and Dorchester.

\* Less than 5 tenths of 1 percent.

Southern Division, AAA October 20, 1943

Table 49.- Comparative data on meal yields per acre from cottonseed and peanuts, selected Texas Counties, 1942

State   Cotton   Peannts   Cottonseed   Co		s of farms	••	•			store and protes	TOTO THOME	T. T
Number   Pounds   Pounds   Pounds   Pounds   Porestt   Porestt	County and area	in sample	ť	Peanuts	Cotton seed ;		peanuts to		Peanuts
289         222         602         154         301         195         18         66         60         140         340         243         18         66         60         140         340         243         18         66         18         66         18         66         18         66         18         66         18         66         18         18         18         66         18         7         66         18         7         66         22         22         22         22         23         18         7         7         66         22         22         22         22         22         22         22         22		. Number	Pounds		Pounds	Pounds	Percent	Percent	Percent
51         202         680         140         340         245         16         86         18         245         16         86         18         124         25         16         86         124         25         16         86         124         26         12         25         16         124         26         12         26         12         26         12         26         12         26         12         26         12         26         12         26         12         26         12         26         12         26         12         26         12         26         12         26         12         26         26         27         12         26         26         27         24         60         270         28         11         26         12         26         26         27         28         11         26         12         28         11         26         28         27         28         14         126         28         26         28         28         14         14         28         28         14         14         28         28         14         18         28         28         18	1. 100	086	999	802	154	301	195	18	82
80         220         377         152         188         124         25           106         65         680         877         150         444         240         545         11         8         9           106         65         627         44         240         645         11         8         9           116         65         257         44         240         645         11         8         9           116         65         257         44         240         646         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         18         12	gn Figure	. ברים היים ברים היים ברים	202	089	140	340	243	16	84
65         186         960         130         450         531         8           106         260         627         180         444         240         545         11         8           106         63         527         44         240         566         530         14         56           106         63         527         44         240         566         564         14         56           295         16         443         56         222         284         14         35         14         35         14         35         14         35         14         35         14         36         270         284         177         35         56         57         7         56         57         7         56         57         7         56         57         7         56         57         7         57         56         57         7         57 <td>Demeon</td> <td>000</td> <td>220</td> <td>377</td> <td>152</td> <td>188</td> <td>124</td> <td>32</td> <td>65</td>	Demeon	000	220	377	152	188	124	32	65
105   260   627   180   414   220   12   18   19   19   19   19   19   19   19	Temb	) LC	188	860	130	430	331	∞	36
1         509         63         479         44         240         645         11         8           1         168         63         527         44         126         504         660         8           1         168         63         250         44         126         284         14         8           1         168         63         167         44         177         53         9           2         108         63         17         262         286         7         9           2         11         443         66         222         586         7         9           2         12         144         18         27         205         205         7         9           2         12         443         66         222         506         205         7         9           2         20         12         445         112         227         203         7         9           1         20         20         44         70         75         226         236         11         4           1         20         20         20 </td <td>Lubbook</td> <td>105</td> <td>260</td> <td>827</td> <td>. 180</td> <td>414</td> <td>220</td> <td>12</td> <td>88</td>	Lubbook	105	260	827	. 180	414	220	12	88
158 63 527 44 264 600 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	The state of the s	\$ OO 24	S. S.	479	44	240	545	11	68
108   63   250   44   125   224   14   35   15   16   15   16   15   16   15   177   15   15   177   15   15	o Grande Flain	2000 2000 2000 2000	n K	527	44	264	009	63	26
1         295         167         44         78         177         35           1         295         103         503         71         252         356         7           252         116         540         80         222         356         7           252         116         540         80         270         358         7           203         121         445         112         227         256         7           203         121         454         112         227         256         15           203         121         454         118         226         256         15           102         202         437         140         218         156         25           103         470         177         285         161         27         27           110         470         75         226         218         161         27           122         214         490         202         245         117         43           234         490         202         245         117         44           244         256         106	Atescosa	201 201	200	250	44	125	284	14	98
1         296         103         608         71         282         556         57         9           232         116         640         80         270         556         57         7         9           1         232         116         540         112         227         7         9           203         121         287         44         180         203         222         550         7           30         202         457         140         218         156         236         19           150         202         457         144         184         186         27         50           160         150         150         177         285         161         27         7           160         160         270         177         285         161         27         27           160         160         270         177         285         161         27         27           160         160         270         285         218         161         27         27           160         160         270         285         245         117 <t< td=""><td>Starr</td><td>. 43</td><td>63</td><td>157</td><td>44</td><td>78</td><td>177</td><td>33</td><td>67</td></t<>	Starr	. 43	63	157	44	78	177	33	67
1         63         81         443         66         222         536         5           232         116         444         66         270         538         7         9           205         121         454         112         227         205         225         19           205         121         37         140         218         156         27         205         19           205         202         457         140         218         156         30         19         27         19         27         10         27         10         27         10         27         10         27         10         27         10         27         20         27         10         27         10         27         10         27         10         27         27         10         27         27         10         27         27         10         27         27         10         27         27         10         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27 </td <td></td> <td># C C</td> <td>104</td> <td>FOR</td> <td>F .</td> <td>252</td> <td>355</td> <td>4</td> <td>93</td>		# C C	104	FOR	F .	252	355	4	93
829         161         454         112         227         205         7         9           829         161         454         112         227         205         22         22           203         121         397         144         218         156         30         22           203         121         397         144         218         156         30         44         30         30         30         30         30         44         30         30         30         44         30 </td <td>Wards Plateau</td> <td></td> <td>20T</td> <td>443</td> <td>92</td> <td>222</td> <td>396</td> <td>ໝ</td> <td>98</td>	Wards Plateau		20T	443	92	222	396	ໝ	98
829         161         454         112         227         203         22           800         121         597         140         218         236         19         236         19           800         202         437         140         218         236         19         236         19         23         19         23         15         20         20         23         15         20         20         20         236         218         236         10         20         20         218         236         21         27         43         25         218	San Saba	232	116	540	80	270	238	7	93
1         205         121         374         84         198         236         19           1         205         121         377         140         218         156         30           1         102         225         570         177         285         161         27           1         150         130         395         490         126         218         27           1         150         108         470         75         255         218         11         43           1         122         314         510         202         245         121         39         44           255         510         64         255         358         44         43         44           1         205         510         64         255         358         44         43           1         205         510         64         255         358         44         43           1         205         510         62         255         358         44         358         358         358         358         358         358         358         358         358         35		0	נטנ	AEA	911,	227	203	22	78
102   255   570   177   285   156   27   150	Ling Figure	* 0000 * E	121	708	3 48	198	236	19.	. 81
102   255   570   177   285   161   27     189   108   470   202   245   121   29     189   108   470   202   245   121   39     181   102   255   570   175   245   121   39     181   108   470   202   245   121   43     181   108   470   202   245   121   43     181   108   420   202   255   411   2     181   108   427   75   214   285   41     181   108   427   75   214   285   12     181   108   293   75   146   195   25     181   121   247   121   247     182   122   74   300   56   150   268     183   270   112   213   78   106   136     184   105   227   238   241   25     185   125   227   238   241     185   125   247   247     185   125   247   247     185   125   247     185   125   247     185   250   150   268     185   247     185   250   251     185   250   251     185   251     185   251     185   251     185   251     185   251     251   251     251   251     251   251     251   251     251   25	Callanan	202	606	437	140	218	156	30	70
150   150   150   295   90   196   218   16     189   108   470   75   255   513   11     189   108   470   202   245   121   39     181   182   214   510   218   255   117   43     181   182   510   64   255   411   2     184   102   350   78   175   224   19     184   102   350   78   175   224   19     185   122   74   300   56   150   268   16     185   125   255   103   125   121   24     180   180   180   25     180   180   268   16     180   212   270   112   213   214     180   215   215   215   215   215     180   215   215   215   215   215     180   215   217   218   218   218     180   218   218   218   218   218     180   218   218   218   218     180   218   218   218   218     180   218   218   218   218     180   218   218   218   218     180   218   218   218     180   218   218   218     180   218   218   218     180   218   218   218     180   218   218   218     180   218   218   218     180	Cottle	00 E	2 K	570	177	282	191	27	73
1	1640ball	150	130	30.00	06	196	218	16	84
5         5         291         490         202         245         121         39           5         515         92         510         64         255         117         43           5         515         92         510         64         255         398         4           6         108         427         75         214         285         411         2           1         68         108         427         75         214         285         421           1         84         102         350         78         175         224         19           1         875         125         264         363         36         47           1         875         125         264         363         35         35           1         875         126         264         363         35         35         35           1         875         125         264         363         35         35         35           1         122         427         69         264         358         25         36         36           1         122         1	Stonewall	189	108	470	7.5	235	513	ជ	68
1         122         314         510         218         255         117         43           1         515         92         510         64         255         398         4           1         215         92         510         62         255         411         2           1         29         108         427         75         214         285         41           1         154         99         527         69         264         285         41           1         154         99         527         69         264         285         3           1         154         99         527         69         264         383         3           2         108         427         76         146         185         25         3           2         108         108         295         75         146         175         224         47           2         12         12         12         12         12         25         25           2         12         12         12         12         12         26         26           2	Wichita	03 0	291	490	202	245	121	39	61
5         515         92         510         64         255         598         4           1         29         510         62         255         411         2           1         68         108         427         75         214         285         411         2           1         154         99         527         75         214         285         12           1         154         99         527         69         264         383         3           1         154         99         527         69         264         383         3           1         158         175         264         383         3         3           1         298         108         295         75         146         195         25           1         299         148         250         166         160         268         26           1         270         112         274         121         374         136         26           1         299         407         106         204         192         26           1         298         1148	Wilberger	122	314	910	218	255	117	43	J.G
293     90     510     62     255     411     2       8     106     427     75     214     285     12       1     154     99     527     69     264     285     12       1     154     99     527     75     214     283     3       1     102     350     78     175     224     19       1     108     293     75     146     195     25       1     299     148     360     103     125     121     47       1     299     148     360     160     268     26     26       1     270     112     274     121     374     309     26       1     270     112     277     178     166     26       1     250     160     204     192     26       1     250     106     204     192     26       1     250     166     204     192     26       1     257     80     148     185     24       1     257     80     148     185     24       1     257     80     148     185	and different and and	* 515	86	210	64	255	398	4	96
# 154 108 427 75 214 285 12 # 154 99 527 69 264 583 3 3 # 154 99 527 69 264 583 12 # 1,875 125 423 89 212 238 25 # 298 108 293 75 146 195 25 # 299 148 360 103 125 175 28 # 299 159 747 121 374 309 2 # 175 139 407 106 204 192 26 # 175 139 407 106 204 192 26 # 298 116 297 80 148 185 24	Comenche	293	06	510	62	255	411	ભ્ય	86
154         99         527         69         264         583         3           1         154         99         527         69         264         583         3           1         102         350         78         175         224         19           1         298         102         350         75         146         195         255           298         108         250         103         126         126         255         255           1         299         148         360         103         180         268         26         255           1         229         148         360         103         180         268         16         268         16           1         229         148         300         56         160         268         16         268         16           1         270         112         213         76         204         135         24           1         29         16         204         185         24           1         29         16         204         185         24           1         29	Jack	89	108	427	75	214	285	12	20 E
# 84 102 350 78 175 224 19  # 1,875 125 423 89 212 238 25  # 298 108 293 75 146 195 25  # 122 74 300 103 180 268  # 270 112 74 300 56 150 268  # 270 112 139 407 106 204 192 26  # 298 116 297 80 148 185 24  # 39 76 227 55 114 215 28	Wise	154	66	527	69	264	383	, , ,	2.6
84     102     350     78     175     228     255       1 ,875     125     423     89     212     258     255       298     108     295     175     146     195     255       299     148     250     103     125     121     47       299     148     360     103     180     268     26       299     148     360     16     268     16       270     112     274     374     309     2       270     112     213     407     106     204     135     41       175     139     407     106     204     192     26       17     29     16     297     80     148     185     24       19     20     20     20     20     24     24	rand Prairie	m ••			i	i i	700	o F	Ę
1,875         125         423         89         212         238         25           298         108         293         75         146         195         25           299         148         250         103         126         121         47           299         148         360         103         180         175         28           122         74         300         56         150         268         16           122         747         121         374         309         2           123         747         121         374         309         2           175         139         407         106         204         192         26           175         139         407         106         204         192         28           185         298         116         297         80         148         185         24           186         186         186         185         24         199	Bosque	80 44	102	350	8,	175	#22	64	
198         298         108         293         75         146         195         25           198         250         103         125         121         47           199         148         360         103         180         175         28           199         148         360         16         16         28         16           190         174         300         56         150         26         16         2           190         112         213         78         106         204         192         26           17         139         407         106         204         192         26           17         15         27         53         114         215         26           18         29         16         29         148         185         24           19         20         20         20         20         24         24	bastal Plain	1 1,875	125	423	. 68	212	238	22	75
:         75         148         250         103         125         121         47           :         299         148         360         103         180         175         28           :         299         148         360         56         150         268         16           :         299         159         747         121         374         309         2           :         270         112         213         78         106         204         491           :         39         76         227         53         114         215         24           hes         :         298         116         297         80         148         185         24	Anderson	\$ 298	108	293	75	146	195	, ,	0/2
122     74     360     103     150     268     16       122     74     300     56     150     268     16       123     747     121     374     309     2       124     125     78     106     204     136     41       175     139     407     106     204     192     26       17     139     407     53     114     215     28       18     298     116     297     80     148     185     24       19     316     316     316     316     316     316	Brazos	\$ 75	148	250	103	125	121	- # C	7.5
s 122 74 300 56 150 20 20 20 20 20 20 20 20 20 20 20 20 20	Franklin	\$ 299	148	360	103	780	C/T	9 -	. α Α
# 259 159 747 121 136 41 136	Gonzales	122	74	300	56	150	000 %	2 00	86
* 175 139 407 106 204 192 26 26	Grayson	882	POT.	141	727	108	136	41	53
\$ 170     100       \$ 29     116     297     80     148     185     24       \$ 298     116     297     80     148     185     24	Harrison	27.2	717	404	106	204	192	26	74
298 116 297 80 148 185 24	Lamer	C/T 8	140 140 140 140 140 140 140 140 140 140	200	2 to 1	114	215	. 28	. 22.
19 ST	Montgomery	298	116	297	08	148	185	24	9/
10E ARG 14		301 4	101	469	74	234	316	19	18

Southern Division, AAA November 5, 1943

Table 50.- Frequency distribution of farms by meal yields per acre from cottonseed and peanuts, by areas in Texas, 1942

	High		·Rio Gr	anda	- Edwards		Pol	1 2 20 0	١.	2.0	2	7	C	-		
יס	Plains	s 1/s	's Plain	/2	_ P4 ]	્ર	Plains	34	Timbers	ડ્ય	Prairie	196/	Plains '	7	ξΩ	State
per acre (pounds)	:Cot-:Peg_:Cot- :ton-:nuts:ton- :seed:	Pea- nuts	:Cot- :ton-	Pea- nuts	:Cot- :ton-	Pea- nuts	cot-	Pea- nuts	Cot- ton- seed	Pea-	:Cot-:Pea-: :ton-:nuts:	Pea- nuts	:Cot-:Pea- :ton-:nuts	Pea- nuts	:Cot-:Pea- :ton-:nuts	Pea- nuts
	1	1	1	1	1	I.	1	Per	ercent	1	1		ı	1		1
	111	4	69	12	32	63	17	7	42	Q	27	16	22	12	27	ω
50- 99	17	11	27	20	43	9	33	14	45	<b>о</b>	51	11	40		37	15
100-149	\$ 20	2	က	12	21	13	24	14	12	12	18	20	28	13	22	14
150-199	13	ග	H	15	4		H	15	H	16	4	24	0	14	ω	14
200-249	<b>*</b> 18	10	*	16		15	7	12	*	12		10	~3	10	83	12
250-299	12	9		o		17	4	12		17.		œ	*	4	0	0
300-349	c:	10		7		ω		ි 		10		4	· C	ی ۔	≥ ;	2 00
350-399	nej Lej	7		63		6	٦	ល		7		ا د د	0	4	i *	, LC
400-449	0	O		83		2	*	4		တ		1	*	4	*	, rc
450-499	*	7		82		63	*	4		<b>~</b>	, •	≈	*	<sub>F</sub>	*	) to
500-549	00 90	63				8		-		8		-		-		c
550-599		4		*		03		N		1		l eri		1	0	2 [
600-649	**	4		*		Н		*		H						ا
620-639		63		0		*		Н		*				۱ *		l e-1
700-749		83		0		0		0		,*				*		i *
750 and over		4		ert		*		*	,	*				*		errel
Total	1000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
SILL		1	1			1	1	1	1		1	-	1	1	1	1
in sample	\$ 289	6	309	0	295	ID.	829	6	51	വ	84		1,8	\$75	4,196	96
Sample counties;	and wilbe	1/Bailey, Da and San Saba. Wilbarger. 5 Gonzales, Gra	1/Bailey, Dawson and San Saba. 4/Wilbarger. 5/50	Coma Coma	<b>ದ</b> 0	1 0 M	Lubbock. Cottle, G k and Wis Lamar, M	Garza Se. Montg	V V W	tascosa, Mitchell, Bosque. ery, and	Duval, Stone 7/An Nacogd	and wall ders	Sta Wi	tarr. 3/Wichita;	0 -	Gillespie nd Franklin,

\* Less than 5 tenths of 1 percent.

Southern Division, AAA November 3, 1943



Table 51.- Comparative data on oil yields per acre from cottonseed and soybeans, State and area summary, Southern Region, 1942

	Number	Į.	Yield per	per acre, 1942	23	: Ratio of : Percent of farms : oil yields: producing more oil	: Percent of farms :producing more of	f farms more oil
######################################	farms	••	••	Computed	d oil	: per acre;	per acre	from
30 45 31 30 30 30 30 30 30 30 30 30 30 30 30 30		:Cotton:	Soy- :	outturn from	from	: soybeans	80	- 0
	sample	: lint:	beans:	Cotton-:	Soy- beans	: to :	cotton	Soy- beans
	. Mumber	Pounds	Bushels	Pounds	Pounds	Percent	Percent	Percent
Arkansas	: 2,135	518	17.0	167	130	. 78	76	24
Louisiana	: 815	386	11.5	116	92	82	64	36
Mississippi	1,037	447	15.8	148	133	06	64	. 36
Texas 1	\$ 70	291	8.7	65	75	115	47	53
Total	4,057	440	15.4	136	123	06	. 20	000
Mississippi River Delta	: 3,129	493	16.3	161	130	81	73	27
Arkansas 2/	\$ 2,096	531	17.1	172	130	92	. 77	23
Louisiana 3/	1 261	445	12.2	134	100	75	75	. 25
Mississippi 4/	1 772	465	16.3	156	137	88	62	33
Red River Delta	298	326	12.7	97	100	103	63	37
Arkansas 5/	\$ 39	230	15.4	67	102	152	92	74
Louisiana 6/	259	352	11.8	106	97	86	69	31
Other Louisiana areas 7/	\$ 295	290	11.2	87	92	106	49	51
Other Mississippi areas 8/	\$ 265	324	10.1	. 16	. 82	80	02	30
Sample counties: 1/ Bailey, Lamb,		Lubbeck, and	Wilbarger.	er.				

Amite, Hinds, Itawamba, Montgomery, Pontotoc, and Yalobusha. Chicot, Clay, Craighead, Crittenden, Lee, and Mississippi. Z/ Chicot, Clay, Craighead, Crittenden, Lee, a. 3/ Concordia, Madison, and Morehouse.
4/ Coahoma, Holmes, Sharkey, and Sunflower.
5/ Little River and Miller.
6/ Caddo and Rapides.
7/ Saint Landry.
8/ Amite, Hinds, Itawamba, Montgomery, Pontoto

Southern Division, AAA November 10, 1943

Table 52. Relative advantage (or disadvantage) of soybeans over cottonseed in per acre oil production, by areas in Arkansas and Mississippi, 1942

State and area	Less than : Less 50 percent : 100	Percent o than : 10 percent:	f farms producing O percent: 150 pe or more : or m m soybeans as fro	rcent: 20 ore : m cottons	O percent: or more	Number of farms in sample
	1 1 1	1	Percent	1 1	8 -8 -1	Number
Delta Arkansas 1/ Mississippi 2/		76	24 85	11	<b>ص</b> ہے	2,096
Other areas Arkansas 3/ Mississippi 4/	(N) (N)	25	75 26	52 14	82 9 8	265
Total Arkansas Mississippi	H 120	75	25 4. 24.	11	വഗ	2,135
Grand total	18	77	53	œ	<b>19</b>	3,173
Sample counties: 1/Chic	sot, Clav. Craigh	Chicot, Clay, Craighead, Crittenden, Lee, and Mississippi,	Lee, and Mi	ssissippi.		

Coahoma, Holmes, Sharkey, and Sunflower.

| Coahoma, Holmes, Sharkey, and Sunflower.
| Coahoma, Holmes, Sharkey, and Sunflower.
| Coahoma, Holmes, Sharkey, Pontotoc, and Yalobusha.
| Amite, Hinds, Itawamba, Montgomery, Pontotoc, and Yalobusha. Sampre conneres:

Southern Division, AAA November 10, 1943

Table 53.- Frequency distribution of farms by ratio of soybean oil yield per acre to cottonseed oil yield per acre.

by areas in Arkansas and Mississippi, 1942

Ppri   Total   Arenasa   Mississippi   Total   S		•	Tall to			Othor orogo	•	
21		Arks			1	Mississippi	Total	Grand
21	Domont	7		ma .		7.5		
0         0         4         8         8         8         8         8         8         8         8         9         8         8         9         8         8         8         9         8         8         8         9         8         8         8         8         9         8         8         9         7         6         9         8         8         8         9         7         9         8         7         9         4         6         6         6         6         6         6         6         9         7         9         8         9         9         4         6         6         6         9         4         9         4         9         9         4         9         9         4         9         9         4         9         2         2         2         2         2         2	Lerosur	! !	1 1 1		Percent	1 1 1 1	1 1 1	1
1         *         1         5         0         9         8           7         1         6         0         7         6         8         8         8         8         8         10		0	0	0	0	4	60	*
21     3     0     9     8       21     1     6     0     7     6       10     1     6     0     7     6       10     10     10     3     55     56       13     11     10     8     7     8     7       10     11     10     8     8     8     8       7     8     7     8     8     8     8       2     5     5     5     5     5     5       3     4     6     4     6     6     6       4     6     4     3     2     3     3       2     2     2     3     3     3     3       2     2     3     3     3     3     3       3     2     3     3     3     3     3       4     6     4     1     0     1     1     1       4     6     4     19     8     9       5     2     5     6     10       7     8     4     6     4     1       8     4     6     4     1     1     1 </td <td></td> <td></td> <td>*</td> <td></td> <td>0</td> <td></td> <td>, α</td> <td>r</td>			*		0		, α	r
7         1         6         0         7         6           21         7         18         3         55         10         10           10         10         10         3         8	20- 29	8 . 4	r-4	<b>හ</b>	0	<b>ග</b>	i co	1 10
21 7 18 5 8 5 10 10 10 10 11 12 12 13 14 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	30- 39	. 7	e-4	ဖ	0	4	99	9
21	40- 49	6.	<b>ι</b> Ω	<b>co</b>	89	10	10	, α
10 10 10 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		52	4	œ.	М	, k	F4	0
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153 12 13 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		10	10	10	හ	ω	6-	10
15     11     13     4     8     8     8       10     11     10     8     8     8     8       5     11     10     8     8     8     8       6     11     10     8     6     6       7     8     7     8     5     34       8     7     8     5     3     3       2     4     6     4     3     3     3     3       2     3     3     3     3     3     3       2     2     0     2     1       4     6     4     1     3     3     3       4     6     4     10     1     1     1       4     6     4     19     8     9       2,096     773     2,869     59     265     504     3,81		13	12	13	10	ເວ	ω	12
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55 55 55 22 35 54 6 6 6 77 8 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 8 7 7 7 7 2 2 8 6 9 7 7 7 7 2 2 8 6 9 7 7 7 7 2 2 8 6 9 7 7 7 7 2 2 8 6 9 7 7 7 7 2 2 8 6 9 7 7 7 7 7 2 2 8 6 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		10	Ħ	10		œ	ထ	2
55     55     55     55     55     55     34       7     8     7     8     5     35     35       3     6     4     5     3     3     3     3       2     4     3     3     2     2     2     1       19     27     21     23     12     12     12       2     1     1     3     3     3     3       4     6     4     19     8     9       4     6     4     19     8     9       1     5     2     55     6     10       2,096     773     2,869     59     59     504     3,11		φ. •	TT .	တ	4	9	<b>છ</b>	G
7 8 7 8 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	50 <del>-</del> 99		10, 10,	50	22	35	54	53
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3       4       3       3       5       2       2       2       1         19       27       21       23       12       12       12       12         2       1       1       4       6       4       6       1       2       2       2       2       <	120-129	. 69	9	4	೪೦	. FO	<b>8</b> 3	~4
2	130-139	<b>50</b>	4		100	es	~~	10
19     27     21     23     12     12       2     1     3     3     3     3       **     1     *     3     2     2       **     1     1     0     1     1     1       **     6     4     19     8     9       1     5     2     55     6     10       2,096     773     2,869     39     265     304	140-149	N2	63	~	0	, es	: <del>-1</del>	લ
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2	150-159	ο <sub>2</sub>	rt	N	F1	F-1		
* 1	160-169	~	2	<b></b>	ဗ	1 10	e ec	3 g
* 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	170-179	*	. p=1	*	80			l e
*     *     0     1     1       4     6     4     19     8     9       1     5     2     55     6     10       2,096     773     2,869     59     265     304	180-189	*	el	-4	0	: <del>-</del> -	ı	1
4     6     4     19     8     9       1     5     2     55     6     10       2,096     773     2,869     59     265     304	190-199	*	god	*	0	। ल	l et	*
1     5     2     55     6     10       2,096     773     2,869     59     265     304	150-199	4	<b>9</b>	4	1.9		63	ເລ
2,096 773 2,869 59 265 504	200 and over	.—l	ro	<b>ત્ય</b>	80 80	90	10	ю
	umber of farms in sample	2,09	773	2,869	68	265	304	3,173

2 Coahoms, Holmes, Sharkey, and Sunflower.

Little River and Miller.

4 Amite, Hinds, Itawamba, Montgomery, Pontotoc, and Yalobusha.

Southern Division, AAA November 10, 1943

Table 54.- Comparative data on oil yields per acre from cottonseed and soybeans. selected Arkansas Counties, 1942

	Number	X	ield per	Yield per acre, 1942	2	: Ratio of ; Percent of farms : oil yield:producing more oil	; Percent of farms	of farms more oil
County and area	farms	:	** ***********************************	Computed oil	d oil from	: per acres:		
	sample	lint:		Cotton- :	Soy-	to to seed:	cotton	Soy-
	Number	Pounds	Bushels	Pounds	Pounds	Percent	Percent	Percent
Ded Dimer Delts	Ø1	230	13.4	67	102	152	26	74
Tittle River	. e	249	13.4	73	102	140	20	80
Miller	24	219	13.4	.64	102	159	53	17
Mississinni River Delta	2.096	531	17.1	172	130	76	77	23
Shi off	89	396	12.2	128	93	73	72	. 88
	176	411	13.8	. 133	105	79	61	39
್ರೀಸ್ಕ್ ಪ್ರಾಥಿಕ್ಕಾರ್ಡ್ ಪ್ರಾಥಿಕ್ಕಾರ್ಡ್	357	519	16.4	168	125	74	77	23
Grittenden	\$ 264	588	16.3	190	124	65	82	12
199	114	430	11.9	139	16	65	82	18
Mississippi	1,117	009	19.3	194	147	92	2.2	. 23
	••							
Total	\$ 2,135	518	17.0	167	130	78	. 76	24

Southern Division, AAA September 14, 1943

Table 55.- Frequency distribution of farms by oil yield per acre from cottonseed and soybeans by sample counties, Arkansas Delta, 1942

Cot-: Soy-: Cot-:	Oil vield per acre	чо ••	Chicot	. CJ	clay	Craighead		*Crit	crittenden	00 00	Lee	s Mis	Missis- sippi	: Delta	lta al
5       16       5       16       1       9       10       1       22       *       8       1         21       15       15       1       14       3       24       *       8       1         21       15       15       15       15       14       3       24       *       8       1         18       15       15       15       14       3       24       *       8       1         18       15       15       15       6       17       25       18       8       17       25       10       4       10       1	(spunod)	: seed	Soy- beans		Soy-	: ton-	Soy-	ton- seed	Soy-	: Cot-	Soy-	:Cot-:	Soy-	: ton-	Soy- beans
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		l ••	1	1	4 -	i			rcent	1	1	1	1	1	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Under 60	ى ••	16	ಬ	16	, e-4	6		10	Н	22	*	10		1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	60 - 79	\$ 7	32	9	21	-	14		14	ဗ	24	*	0	~	12
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	80-99	: 21	15	13	12	C2	13		ည	9	17	R	10	41	H
18     15     17     14     6     13     3     20     20     15     3     12     6       13     15     10     13     9     8     11     25     8     7     10       13     13     10     13     17     25     18     8     13     27     14       7     7     5     16     7     16     7     17       7     7     5     16     7     17     14       1     2     1     2     1     2     16     9     14       1     2     1     4     2     1     2     1     4       1     2     2     1     2     1     2     1     4       1     1     1     3     7     2     6     1     4     6       100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	••			!										
13     5     13     10     13     9     8     11     25     8     7     10       13     13     17     22     13     25     18     8     13     27     14       9     3     12     6     23     6     19     3     17     2     16     7     17       1     2     16     7     15     6     3     2     16     9     14       1     2     1     4     2     12     2     1     2     1     4       1     1     1     1     3     7     2     6     1     4     6       100	100-119	18	12	17	14	9	13	63	20	50	12	23	12	9	14
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	120-139	. 13	ည	13	10	13	6	Φ	H	25	ထ	7	10	10	10
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	140-159	<b>*</b> 13	13	19	ထ	17	22	13	25	18	<b>\( \)</b>	13	27	14	23
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	160-179	o. ••	ы	12	9	23	9	19	10	17	83	16	7	17	9
3     3     1     13     1     18     1     4     16     2     14       1     2     1     4     2     12     2     1     2     15     7     9       3     1     2     2     1     5     1     2     6     1     4       100     100     100     100     100     100     100     100     100     100       100     100     100     100     100     100     100     100     100       68     176     357     264     114     11,117     2,0	180-199	1 7		2	ro	16	7	15	9	ю	N	16	o.	14	7
3       3       1       13       1       18       1       4       16       2       14         1       2       1       4       2       12       2       1       2       12       7       9         3       1       2       2       1       5       1       2       6       1       4         100 <td></td> <td>••</td> <td></td> <td></td> <td></td> <td></td> <td>,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		••					,								
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	200-219	•••		10	<del>,</del>	13	Н	18	H	4	,	16	N	14	~
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; ; ; 100 100 100 100 100 100 100 100 100 100	240-259	<b>8</b>	Н	ò	~	~	H	ည		જ		9		4	<b>-</b>
100 100 100 100 100 100 100 100 100 100	260 and over			H	1	rH	භ	7	83			O.	4	9	10
68 176 357 264 114 1,117	Total	:100	100	-	100	100	100	100	100	100	100		100	100	100
	Tumber of farms in samp			17	ဖွ	   ਲ	2.2	38	34		4	1,1	17	2,90	96

\* Less than 5 tenths of 1 percent.

Southern Division, AAA September 15, 1943

Table 56.- Comparative data on oil yields per acre from cottonseed and soybeans. selected Louisiana Parishes, 1942

	Number	<b>⊶</b>	ield per	Yield per acre, 1942	42	ination i forces of terms.	producing more of	more oil
Parish and area	farms i in	:Cotton: Soy-	Soy-	Comput outtur Cotton-	ed oil n from Soy-	: per acres: : soybeans : : to : cottonseed:	Cotton- Soy-	Soy-
	s Number	Pounds	Bushels	Pounds	Pounds	Percent	Percent	Percent
Westesinni Dinar Dalta	1 261	445	12.2	134	100	75	75	25
Consordia	9 60	480	9.6	144	79	55	87	13
Medieon	999	436	16.8	131	138	105	47	53
Morehouse	66	436	10.8	131	88	99	82	. 18
Ded Direct Delte	259	55 50 50 50 50 50 50 50 50 50 50 50 50	11.8	106	26	. 26	69	31
Chad to the control of the control o	22.00	340	17.0	102	140	137	44	26
Rapides	3 227	393	11.1	118	16	7.7	73	27
Central Louisiana Mixed Farming	20 00 00 00 00 00 00 00 00 00 00 00 00 0	290	11.2	87	6	106	4	ย
	815	386	11.5	116	95	83	64	9

Southern Division, AAA November 10, 1943

Table 57.- Frequency distribution of farms by oil yields per acre from cottonseed and soybeans, by areas in Louisiana, 1942

oil yield : per acre : (pounds) ;		TAATSSTSST	מסע -	JOATU DOU	*Centrer	TOUT STRING	•	
90) (	River I	Delta .	A	Delta 2/	: Mixed	Mixed Farming 3/	** **	State
2	cotton-;	Soybeans; Seed	Cotton-	Soybean	Soybeans; Cotton-	Soybeans	; Cotton-; Soybeans	Soybear
••	1		i i	Per	-Percent		1	8
Under 60	~	15	ည	21	21	32	10	23
e0- 79 s	*2	200	တ	16	24	10	13	12
8008	15	32	17	99	27	30	20	83
100-119	74	თ	24	4	16	<b>69</b>	17	ດ
120-139	23	H	21	က	വ	ω	16	œ
140-159	16	ঝ	14	<b>Q</b>	മ	Q	11	53
160-179 8	14	ဖ	ω	7	, N	12	ω.	ω
180-199	, O	*	r H	~	0	r-I	80	<b>e</b>
200-219	ы	ုးဂ	, e4	N	*	0	-	. 67
220-239	·	0	*	-	*	0	: r-i	*
240-259	-	*		*		r		-
260 and over :				rH				H
Total : ]	100	100	100	100	100	100	100	100
Number of farms: in sample :	261	!     .		259		295	815	

1/ Concordia, Madison, and Morehouse. 2/ Caddo and Rapides. 3/ St. Landry. Sample parishes:

St. Landry.

\* Less than 5 tenths of 1 percent.

Southern Division, AAA November 10, 1943

Table 58.- Comparative data on oil yields per acre from cottonseed and soybeans. selected Mississippi Counties, 1942

	Number	ee ee	Yield per acre, 1942	acre, 19	42	: oil yield:producing more of.	producing more of	more oil
County and area	farms in sample	Cotton: Soy-	Soy-	Computed oil outturn from Cotton-: Soy	Computed oil outturn from tton-: Soy-	soybeans: to to the conseeds	Der acre	scre from Soy-
	Number	Pounds	Bushels	m	Pounds	Percent	Percent	Percent
De]+a	. 772	465	16.3	156	137	88	62	38
Coshome	298	423	16.4	142	138	26	52	48
Holmes	48	438	13.0	125	109	87	9	40
Sharkev	126	485	17.9	163	150	96	09	40
Sunflower	3000	497	16.8	167	141	84	72	- 28
	••							
Other	265	324	10.1	97	85	88	20	30
Ami to	9	270	8.9	77	57	74	20	20
Hinda	10	336	19.9	96	167	174	20	80
T+awamha	111	331	୍ଷ ପ୍ର	100	. 77	77	68	32
Montromerv	48	284	7.3	81	61	75	62	38
Pontotog	20	350	5.7	106	48	45	82	15
Yalobusha	02	231	6.8	100	22	22	81	13
E 4+0 E-	1.037	447	15.8	148	133	06.7	64	36

Southern Division, AAA November 8, 1943

Table 59.- Frequency distribution of farms by oil yield per acre from cottonseed and soybeans, selected Mississippi Counties, 1942

Oil yield per acre	ပိ • •	Coahoma	HO:		Sha	Sharkey		Sunflower	to to	Delta	: Other	Other reas 1/	s State	lte B
	:Cot-: :ton-:	:Cot-:Soy- :ton-:beans	:Cot-:Soy- :ton-:beam	Soy-	:Cot-:	Soy-	:Cot-:	:Cot-:Soy- ston-:beans		Cot-Soy- ton-beans		:Cot-:Soy- :ton-:beans	CC	Soy-
		8	B k	,	1	1	- Per	Percent -	1	8	1	1	1	
Under 60	• •• ••		ω	27	10	~	<b>#</b>	0	હ	81	12	52	rc:	r.
62-09	9	0	17	ω	H	4	0	0	63		16	10	2	) in
66 -08	12		12	ω	9	9	<del>e-1</del>	23	7	H	26	18	12	13
100-119	. 14	27	7	10		<u>.</u>	9	138	10	20	S. 10.	œ	86	۵,
120-139	: 15		φ	10	တ	15	15	12	14	13	13	ດມ່ວ	, K	91
140-159	. 14		10	0	14	ω	21	12	17	16	50	*	FC FC	200
160-179	: 14		4	17	. 17	44	21	13	17	21	4	6.3	13	17
180-199	10	H	Φ	41	21	7	21	П	16	~	-	H	12	2
200-219		<b>⊢</b>	23	10	Ħ	63	Ø	, o	o	וני	C	b/j	6	4
220-239	** 63	0	4	0	9	0	, tO	*	) k0	*	0	0 0	- 60	4   41
240-259	-	-		83	-	~	-	23	· ~	~ ~2	*	*	) r-1	·
260 and over	m •••	Н		63	જ	н	ed	*	٦	erl	0	ಬ	Н	<b>~</b>
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Number of farms in sample:		298	48		'	126	· ×	300	772	2	56	55	1,037	37
														-

1/ Includes Amite, Hinds, Itawamba, Montgomery, Pontotoc, and Yalobusha Counties.

Southern Division, AAA November 8, 1943

<sup>\*</sup> Less than 5 tenths of 1 percent.



Table 60. Comparative data on meal yields per acre from cottonseed and soybeans. State and area summary. Southern Region, 1942

	Number	→ ··	Yield per	acre, 1942	8	Ratio of meal vield	o of ; Percent of farms	of farms
State and area	farms	••	1	Computed	1 meal		per acre	e from
	di ai	scortons 1 lint :	Soy-	Cotton- :	From	soybeans	. Cotton-	
	sambre	94	- 1	geed ;	beans	*cottońseed	seed	beans
	Number	Pounds	Bushels	Pounds	Pounds	Percent	Percent	Percent
Arkansas	\$ 2,134	518	17.0	481	805	167	24	76
Louisiana	815	386	11.5	319	551	173	22	78
rddississim	1,038	447	15.8	380	755	199	14	86
T SaxaT	0/.	291	φ	202	434	212	17	833
Total	4,057	440	15.4	38	733	188	21	79
	: 3,129	493	16.3	448	774	173	20	80
Arkansas 2/	2,095	531	17.1	494	810	164	24	76
Louisiana 3/	: 261	445	12.2	368	585	159	27	73
Mississippi 4	\$ 773	465	16.3	407	778	191	מו	95
Red River Delta	298	326	12.7	270	809	225	00	66
	39	230	13.4	194	634	327	(2)	26
Louisiana 6/	259	352	11.8	291	566	194	22	78
	295	290	11.2	240	537	224	18	82
Other Mississippi areas 8/ :	265	324	10.1	252	482	191	37	63
Sample counties: 1/ Bailey, 2/ Chicot.	Bailey, Lamb, Lubbock, an Chicot. Clav. Crafebad.		and Wilbarger.	100	10 cl	•		
3/ Concordia, Madi	a, Madisc		Morehouse	f port for	and massissippi	• Tolota		
4/ Coanoma, $\overline{5}/$ Little R	Coahoma, Holmes, Little River and	Sharkey, Willer.	and Sunflower	flower.				
6/ Caddo and R 7/ St. Landry.	Caddo and Rapides St. Landrv.							
8/ Amite, H	linds, Ita	wamba, M	ontgomer	Amite, Hinds, Itawamba, Montgomery, Pontotoc, and		Yalobusha.		

Southern Division, AAA November 18, 1943

Table 61.- Comparative data on meal yields per acre from cottonseed and soybeans, selected Arkansas Counties, 1942

	Number	<b>5</b> 4	ield per	Yield per acre, 1942	2	meal yield: producing more meal	producing more me	more meal
County and area	. To	••	••	Computed meal	d meal	: per acre,:	per acre from	from
so is the following the follow	di :	Cotton: Soy-	TO.	: Cotton- : Soy	Soy	soybeans :	Cotton	Soy-
	ardimps 8	**	••	seed	beans	:cottonseed:		Dogina
	Number	Pounds	Bushels	Pounds	Pounds	Percent	Percent	Percent
Red River Delta	ග හ •••••	230	13.4	194	634	327	23	97
Little River	15	249	13.4	210	634	302	0	100
Miller	8 24	519	13.4	184	634	345	4	96
Mississippi River Delta	2,096	531	17.1	494	810	164	24	76
Chicot	89	39.6	12.2	368	578	157	18	82
Clay	8 176	411	13.8	382	653	171	18	82
Craighead	8 357	519	16.4	483	776	161	19	. 18
Crittenden	\$ 264	588	16.3	547	772	141	78	22
Lee	114	430	11.9	400	563	141	27	73
Mississippi	1, 1,117.	009	19.3	558	914	164	14	86
	<b>.</b>							
Total	\$ 2,135	518	17.0	480	805	168	24	76

Southern Division, AAA September 14, 1943

Table 62.- Frequency distribution of farms by meal yield per acre from cottonseed and soybeans, by sample counties, Arkansas Delta, 1942

Meal yield per acre			Chicot	c]	Clay	craighead;	head	critt		Lee	0			: Delta	ta
(spunod)		tor see	: Cot -: Soy -: ton -: seed: beans:	:Cot-:Soy-: ton-:beans:	Soy-	:Cot-:Soy-: ton-:beans:	Soy-	:Cot-: Soy- :ton-: beans	: Cot-: Soy-: ton-: Seed: beans:	: Cot-: Soy-: ton-: Soy-: s seed: beans:	Soy-	Cotton	Soy-	:Cot-:Soy- :ton-:beans	Soy-
		••	8	l l	1	1	1	- Percent	ent -	1	3	1	1.	ı	1
66 -0		***		H			`					*		*	
100-199		**		7	Н	-	23	*	Н	83	10	*	*	Н	Н
200- 299		* 32	01	24	Ø	ت	n,	H	53	14	11	63	m	9	4
		* 25		22	12	17	ಬ	11	7	37	11	<u>ه</u>	Cri	14	ಬ
400- 499		12		53	17	32	12	28	13	33	21	25	9	27	10
		: 12	-	10	13	31	11	30	ល	10	ω	53	ω.	56	æ
669 -009		••	9	ಬ	ω	H	9	22	23	2	13	. 21	4	16	ເນ
667 -007		**		83	15	23	13	4	20	82	12	φ,	.13	9	14
800-899		**	9		ထ	H	ເນ	4	10		7	4	0	63	ω
666 -006		90	14		9	*	22	*	23		6	r-I	200	۲	23
1000-1099		•• ••			rc		4		£Q.			H	ц	*	<b>V</b>
1100-1199			•		വ		2		9		1 0	*	o co	· *	+ 6
1200-1299		••	7		-		Н	*	·			*	, ) (1)	· *	
1300-1399					۲		Н		-1		-		: N		0
1400-1499		**					23		23		Н		9		4
1500-1599			H		-		<b></b> 1		-1				e(		-
1600-1699					٦		Н	λ.	*				· ~-1		p-4
1700-1789		00					٦		*				-		Н
1800 and over	H	00 01					Н		ri		1		83		.ed
Total		00t:	100	100	100	100	100	100	100	100 100	100	100	100	100	100
Number of farms in	sample	86	63	176		357	1	264	4	114		1,11	17	2,096	96
	-	-	and the same transferration of					-							1

\* Loss than 5 tenths of 1 percent.

Southern Division, AAA September 17, 1943

Table 63.- Comparative data on meal yields per acre from cottonseed and soybeans.

	Number	Ž.	ield per	Yield per acre, 1942	2	: Ratio of :meal yields	: Ratio of : Percent of farms :meal yields:producing more meal	f farms more meal
Parish and area	farms	: Cotton:	Soy	Computed meal	d meal from	: per acre,	per acre	from
	sample	: lint :		Cotton- :	Soy- beans	: to	seed :	beans
	Number	Pounds	Bushels	Pounds	Pounds	Percent	Percent	Percent
Mississippi River Delta	261	445	12.2	368	585	159	27	73
Concordia	96 *	480	9.6	397	460	116	44	56
Madison	99	436	16.8	260	805	224	tO.	26
Morehouse	66	436	10.8	260	518	144	92	74
Red River Delta	\$ 259	352	11.8	291	566	194	22	. 78
	32	340	17.0	281	815	290	O	16
Rapides	8 227	292	11.1	325	532	164	24	92
Central Louisiana Mixed	•• ••							
Farming St. Landry	295	290	11.2	240	537	224	18	<b>%</b>
rotal	815	386	11.5	319	551	173	. 22	. 78

Southern Division, AAA November 11, 1943

Table 64. Prequency distribution of farms by meal yields per acre from cottonseed and soybeans, by areas in Louisiana, 1942

	6. 6.6.6. 6.16.6.								
Meal yield per acre	Fiver	Liver Delta:	0 0 0 0 0 1	a Klyor Jolia 2/	ーで	Louisiana Farming 3/		State	
	: seed	Soybeans	: Cotton-:	Soybeans	:Corton-	Soybeans:	.Cotton.	Soybeans	
	1	8		Per	ercent -	B B		1	
66 -0	0	Н	2	23	ເລ	*	<b>~</b> 3	ed	
100-199	C3 **		7	7	52.53	٢١	13	ы	
200- 299	\$ 23	. ω	31	7	42	63	23	9	
300- 399	34	14	39	L D	15	ໝ	29	11	
400- 499	\$ 27	30	17	33	വ	9	16	21	
500- 599	12	15	03	12	*	ω.	വ	12	
669 -009	H .	9	*	4	*	ထ	*	9	
700- 799		11		, CO		O		တ	
800-899	**	4		2		02		63	
666 -006		9		7		212		. 12	
1000-1099	00 00	*						<b>,</b>	
1100-1199		<b>∕</b> €3		2		. 00		1 4	
1200-1299		, H	. \	Н		·		l r-1	
1300-1399	••	0		rd		23		) <b>–</b> 1	
1400-1499	**	*		*		വ		~	
1500 and over				Ħ	ı	50		ω	
Total	100	100	100	100	100	100	100	100	
Number of farms				1					
in sample	\$	261	259	6	250	295	815	ಬ	
Sample parishes:	1/ Conc	sordia, lo and R	Madison, a	and Morehouse	ouse.				
		· · ·							

\* Less than 5 tenths of 1 percent.

Southern Division, AAA November 10, 1943

Table 65. Comparative data on meal yields per acre from cottonseed and soybeans, selected Mississippi Counties, 1942

						Dotio of	Percent of farms	P P Pms
	Number	• ••	Yield per acre,	acre, 19	1942	meal yields	- 24	more meal
	of			Computed	ed meal		per acre	from
County and area	Iarms	:Cotton:	Soy	outturn		soybeans :	• - uo ++o;	- ANO U
	sample	: lint :	beans	Cotton-:	Soy- beans	: to	seed	beans
	Number	Pounds	Bushels	Pounds	Pounds	Percent	Percent	Percent
]æ] +3	773	46.5	16.3	407	778	191	ما	90
Coghoma	298	423	16.4	371	783	211	Н	66
Holmes	48	438	3	384	621	162	19	81
Sharkev	126	485	17.9	425	855	201	വ	92
Sunflower	: 301	497	16.3	435	.802	184	ω	92
	••		1	1		•	1	ţ.
Other Areas	265	324	10.1	252	482	161	27	63
Amite	9	270	න • •	201	325	162	33	67
Hinds	10	336	19.9	250	950	380	10	06
Itawamba	: 111	331	9.2	. 261	439	168	56	74
Montgomery	. 48	284	7.3	211	349	165	42	58
Pontotoc	20	350	5.7	276	272	66	50	50
Yalobusha	\$ 70	331	<b>6</b> •3	261	325	125	53	47
Laton	1.038	447	35.8	380	755	199	14	86
Local	00061	7 7 7 7	0	200	2	7	4	
								Ber de decr

Southern Division, AAA November 9, 1943

Table 66.- Frequency distribution of farms by meal yields per acre from cottonseed and soybeans, selected Mississippi Counties, 1942

					. Delta	. Other	: State
Meal yield per acre	Coahoma	Holmes	Sharkey	Sunflower	: total	A	: total
	Cot-Soy- ton-Soy- seed: beans	cot-Soy- ton-Soy-	: Cot-: Soy- : ton-: beans	ton-Soy-	: Cot -: Soy -: ton :: Soy -: t	: Cot-: Soy- s : seed: beans	: Cot-: Soy- : ton-: beans
	1	1	1	- Percent -	1		1
66 -0	1 0		0 0	1 0	+ 1	2 13	1 3
100- 199	. 7 0	19 13	4	0 0	5 1	22 18	9
200- 299	, 23 0	29 8	13 1	5 0	15 1	51 16	24 5
300- 399	: 2.8 0	11 61	21 2	29 0	27 1	20 14	25 4
400- 499	: 26 1	10 11	35 6	45 19	33 10	5 17	27 12
5000	: 11 5	19 6	23 9	17 9	16 7	9 0	12 7
	23			1 11	H	*	-
	: 1 27	10	2 16		1 19	5	* 16
800- 899	\$ 25	0	7	0 13		*	0 12
666 -006	: 12	19	41	1 17	* 19	83	* 15
1000-1099	4	4	7	63	4	*	63
1100-1199	٦	10	4	6	2	63	വ
1200-1299	0	0	-		Н	0	*
1300-1399	0	0	2	Н	*	0	*
1400-1499	н	63	н	N	el	*	H
1500 and over	d.	23		1	Н	23	г
Total	100 100	100 100	100 100	100 100	100 - 100	100 100	100 100
Number of farms in sample:	298	48	126	301	773	265	1,038

Includes Amite, Hinds, Itawamba, Montgomery, Pontotoc, and Yalobusha Counties.

Southern Division, AAA November 9, 1943

\* Less than 5 tenths of 1 percent.

